

Converting Colors

XYZ(85.9759, 88.6190, 97.1257)

Have a look what the booklet for
XYZ(85.9759, 88.6190, 97.1257)
contains.

XYZ(86.0491, 88.7477, 97.3888)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(86.0491, 88.7477,
97.3888)**

Conversions

Conversions Part 1

Format	Color
Hex	F8F0F3
RGB	248, 240, 243
RGB Percent	97%, 94%, 95%
CMY	0.0274, 0.0588, 0.0471
CMYK	0.00, 0.03, 0.02, 0.03
HSL	338°, 36%, 96%
HSV	338°, 3%, 97%
XYZ	86.0491, 88.7477, 97.3888
YIQ	242.7340, 3.8050, 2.6290

Conversions

Conversions Part 2

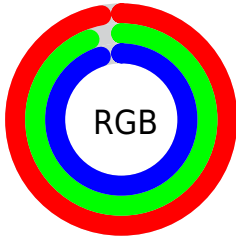
Format	Color
R_{YB}	248, 240, 243
Decimal	16314611
CIE _{Lab}	95.47, 3.20, -0.50
CIE _{LCh}	95, 3.240, 351.104
Yxy	88.7477, 0.3161, 0.3261
Android (android.graphics.Color)	4294504691 (0xFF8F0F3)
YUV	242.7340, 0.1311, 4.6183
Hunter-Lab	94.2060, -1.8161, 4.6511

Details

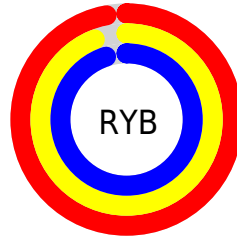
The XYZ color **86.0491, 88.7477, 97.3888** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **85.9873, 92.2548, 99.6656**, and the grayscale version is **84.9790, 89.4045, 97.3616**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.8484, 49.0753, 53.9643** is the 20% darker color. If you saturate the color by 10%, you get **76.9982, 74.2358, 83.3017**, and if you desaturate by 10%, it is **92.5219, 98.6967, 108.7817**.

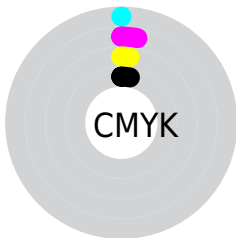
Distribution



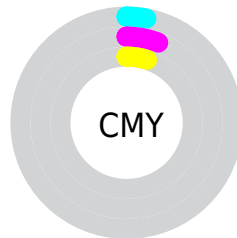
- Red (97%)
- Green (94%)
- Blue (95%)



- Red (97%)
- Yellow (94%)
- Blue (95%)



- Cyan (0%)
- Magenta (3%)
- Yellow (2%)
- Black (3%)





- Cyan (3%)
- Magenta (6%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 86.0491, 88.7477, 97.3888 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 86.0491, 88.7477, 97.3888 by changing the saturation by 10% instead.


 86.0491, 88.7477,
97.3888

 86.0491, 88.7477,
97.3888


503.5246,
523.9487, 572.9631

 65.0340, 66.9425,
73.5169


140.7445,
145.5977, 159.5846

 47.7534, 49.0379,
53.9044


175.1555,
181.4112, 198.7456

 33.8421, 34.6495,
38.1326


214.7624,
222.6629, 243.8400

 22.9346, 23.3930,
25.7830

259.9307,
269.7373, 295.2865

 14.6657, 14.8840,
16.4370

311.0258,
323.0186, 353.5035

 8.6699, 8.7380,
9.6762

368.4129,

 4.5819, 4.5707,

382.8914, 418.9095

5.0820

432.4574,
449.7400, 491.9232

■ 2.0363, 1.9976,
2.2359

■ 0.6542, 0.6061,
0.6950

■ 86.0491, 88.7477,
97.3888

■ 86.0491, 88.7477,
97.3888

■ 76.9982, 74.2358,
83.3017

■ 92.5219, 98.6967,
108.7817

■ 69.0952, 61.7124,
70.5481

■ 62.2948, 51.0933,
59.0891

■ 56.5455, 42.2841,
48.8816

■ 51.7916, 35.1822,
39.8796

■ 47.9719, 29.6745,
32.0345

■ 45.0182, 25.6344,
25.2933

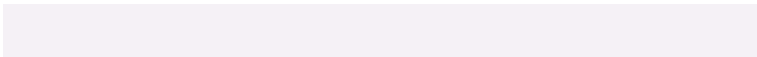
■ 42.8520, 22.9152,
19.5982

■ 41.3792, 21.3395,
14.8838

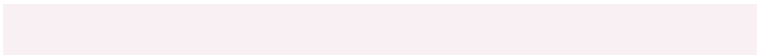
Harmonies

Analogous

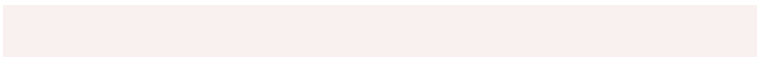
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.6870, 88.7477, 99.7322



86.0491, 88.7477, 97.3888



85.9540, 88.7477, 94.8822

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.0491, 88.7477, 97.3888



83.7391, 88.7477, 92.1434



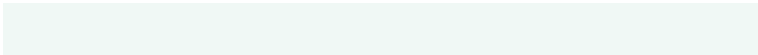
83.2851, 88.7477, 100.4847

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



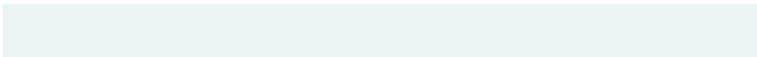
86.0491, 88.7477, 97.3888



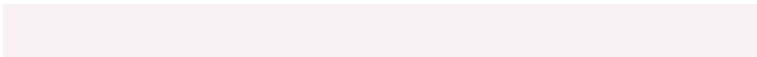
85.9873, 92.2548, 99.6656

Split Complementary

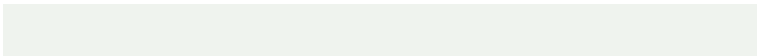
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.7701, 88.7477, 98.4015



86.0491, 88.7477, 97.3888



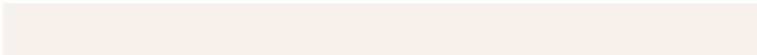
83.0310, 88.7477, 93.5951

Square

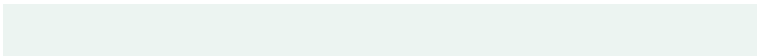
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



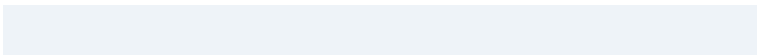
86.0491, 88.7477, 97.3888



84.6162, 88.7477, 91.8831



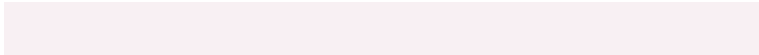
82.6774, 88.7477, 95.8775



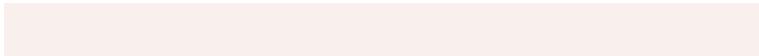
84.0884, 88.7477, 101.5401

Rectangle

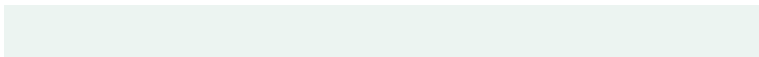
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



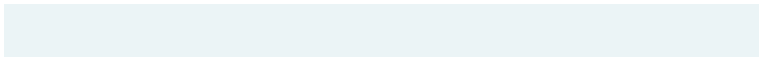
86.0491, 88.7477, 97.3888



85.6443, 88.7477, 93.4539



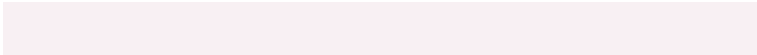
82.6774, 88.7477, 95.8775



83.0728, 88.7477, 99.8797

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



86.0516, 88.7515, 97.3907



93.9862, 98.2815, 107.2841



85.7393, 88.5021, 101.3717



20.1281, 21.0544, 22.9803



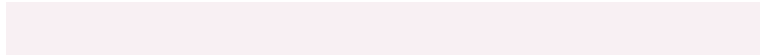
0.0000, 0.0000, 0.0000



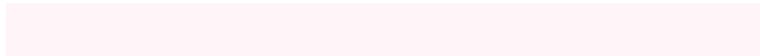
20.3446, 21.4041, 23.3091

Same Dimension

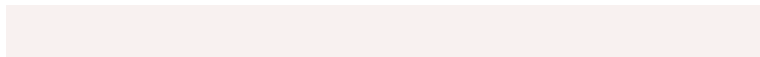
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.0516, 88.7515, 97.3907



90.8719, 93.2598, 102.5251



85.8781, 89.1226, 95.1188



18.4655, 18.8607, 20.7704



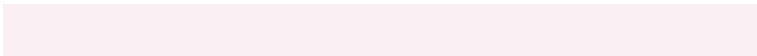
22.0398, 11.2316, 6.9178



2.0908, 1.0600, 0.9014

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



86.0516, 88.7515, 97.3907



90.8719, 93.2598, 102.5251



86.1624, 91.8671, 101.9989



18.4655, 18.8607, 20.7704



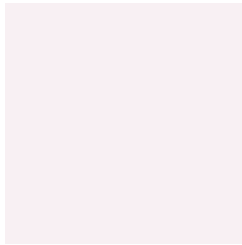
22.0398, 11.2316, 6.9178



2.0908, 1.0600, 0.9014

Previews

White Background



This preview shows how the XYZ color 86.0491, 88.7477, 97.3888 looks on a white background.

Color Contrast Check

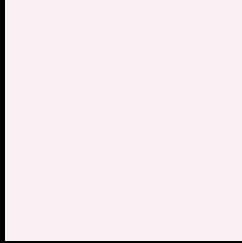
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 86.0491, 88.7477, 97.3888 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

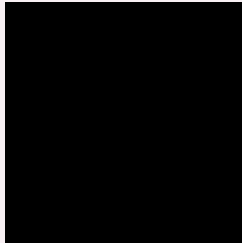
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 86.0491, 88.7477, 97.3888

Background



This preview shows how black text looks on a background with the XYZ color 86.0491, 88.7477, 97.3888.



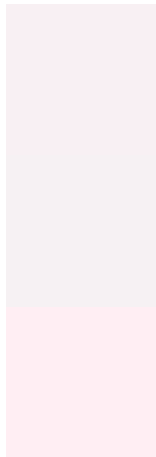
This preview shows how white text looks on a background with the XYZ color 86.0491, 88.7477,

97.3888.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

86.0491, 88.7477, 97.3888

Protanopia

85.6390, 88.9745, 97.4542

Deuteranopia

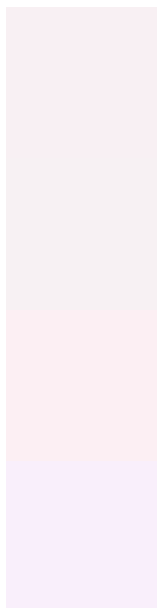
87.9922, 88.8801, 97.3119



Tritanopia

87.6915, 88.5088, 107.0698

Trichromacy



Original Color

86.0491, 88.7477, 97.3888

Protanomaly

85.9907, 89.1558, 97.4706

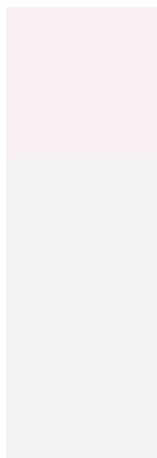
Deuteranomaly

87.1890, 88.8995, 97.3580

Tritanomaly

87.3460, 88.8378, 103.8106

Monochromacy



Original Color

86.0491, 88.7477, 97.3888

Achromatopsia

85.1904, 89.6269, 97.6037

Achromatomaly

85.5860, 89.3878, 97.5367

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.0491, 88.7477, 97.3888 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(248, 240, 243) looks like.

```
.text, #text, p{  
    color:rgb(248, 240, 243)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(248, 240, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 240, 243) }
```

Border

The CSS property to change the border of an element to XYZ 86.0491, 88.7477, 97.3888 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(248, 240, 243) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(248, 240, 243) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(248, 240, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 240, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 240, 243);  
box-shadow:4px 4px 4px 4px rgb(248, 240,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 86.0491, 88.7477, 97.3888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 240, 243) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(248,  
240, 243) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor