

Converting Colors

XYZ(85.8853, 88.5043,
102.9208)

Have a look what the booklet for
XYZ(85.8853, 88.5043, 102.9208)
contains.

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Color

**XYZ(86.0716, 88.6348,
103.0142)**

Conversions

Conversions Part 1

Format	Color
Hex	F5F0FA
RGB	245, 240, 250
RGB Percent	96%, 94%, 98%
CMY	0.0392, 0.0588, 0.0196
CMYK	0.02, 0.04, 0.00, 0.02
HSL	270°, 50%, 96%
HSV	270°, 4%, 98%
XYZ	86.0716, 88.6348, 103.0142
YIQ	242.6350, -0.2300, 4.1700

Conversions

Conversions Part 2

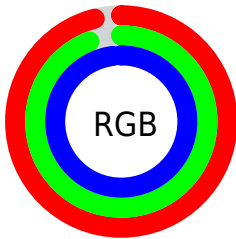
Format	Color
R _Y B	245, 240, 250
Decimal	16118010
CIE Lab	95.43, 3.45, -4.22
CIE LCh	95, 5.452, 309.219
Yxy	88.6348, 0.3099, 0.3192
Android (android.graphics.Color)	4294308090 (0xFFFF5F0FA)
YUV	242.6350, 3.6309, 2.0741
Hunter-Lab	94.1461, -1.5647, 1.0274

Details

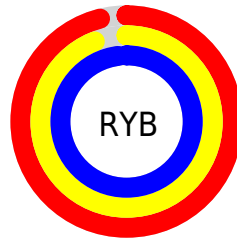
The XYZ color **86.0716, 88.6348, 103.0142** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **87.5733, 94.0773, 95.9857**, and the grayscale version is **84.8758, 89.2960, 97.2433**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.8644, 48.9948, 57.9732** is the 20% darker color. If you saturate the color by 10%, you get **74.9977, 72.7450, 100.5322**, and if you desaturate by 10%, it is **94.2556, 99.6822, 104.7166**.

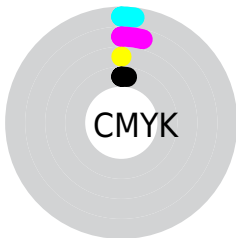
Distribution



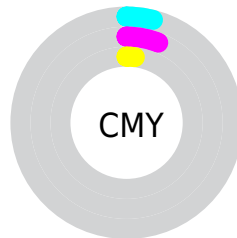
- Red (96%)
- Green (94%)
- Blue (98%)



- Red (96%)
- Yellow (94%)
- Blue (98%)



- Cyan (2%)
- Magenta (4%)
- Yellow (0%)
- Black (2%)



- Cyan (4%)
- Magenta (6%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 86.0716, 88.6348, 103.0142 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 86.0716, 88.6348, 103.0142 by changing the saturation by 10% instead.

86.0716, 88.6348,
103.0142

86.0716, 88.6348,
103.0142

503.5977,
523.5798, 591.1429

65.0526, 66.8489,
78.1893

140.7757,
145.4406, 167.3811

47.7686, 48.9619,
57.7122

175.1916,
181.2293, 207.7603

33.8542, 34.5892,
41.1641

214.8038,
222.4544, 254.1613

22.9440, 23.3466,
28.1267

259.9778,
269.5004, 307.0027

14.6726, 14.8497,
18.1813

311.0788,
322.7515, 366.7030

8.6747, 8.7139,
10.9094

368.4722,

4.5851, 4.5551,

382.5921, 433.6808

5.8926

432.5234,
449.4068, 508.3545

■ 2.0381, 1.9887,
2.7121

■ 0.6553, 0.6009,
0.9495

■ 86.0716, 88.6348,
103.0142

■ 86.0716, 88.6348,
103.0142

■ 74.9977, 72.7450,
100.5322

94.2556, 99.6822,
104.7166

■ 65.1829, 58.9459,
98.3859

■ 56.5800, 47.1501,
96.5625

■ 49.1354, 37.2596,
95.0459

■ 42.7911, 29.1681,
93.8184

■ 37.4837, 22.7583,
92.8610

■ 33.1421, 17.8985,
92.1518

■ 29.6849, 14.4364,
91.6657

■ 27.0138, 12.1865,
91.3722

Harmonies

Analogous

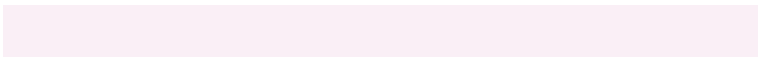
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.7051, 88.6348, 104.8471



86.0716, 88.6348, 103.0142



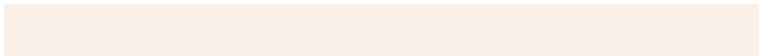
86.9553, 88.6348, 99.4526

Triad

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



86.0716, 88.6348, 103.0142



85.2666, 88.6348, 89.0290



81.4447, 88.6348, 97.8304

Complementary

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



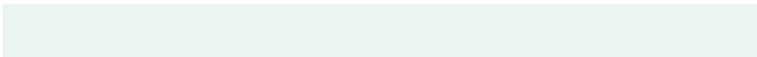
86.0716, 88.6348, 103.0142



87.5733, 94.0773, 95.9857

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.



81.5910, 88.6348, 93.6226



86.0716, 88.6348, 103.0142



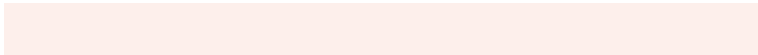
83.7860, 88.6348, 88.6237

Square

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



86.0716, 88.6348, 103.0142



86.4868, 88.6348, 91.4062



82.4439, 88.6348, 90.2821



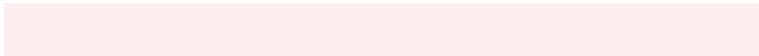
82.0417, 88.6348, 101.7967

Rectangle

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



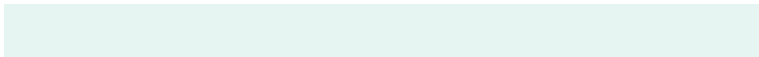
86.0716, 88.6348, 103.0142



87.1458, 88.6348, 96.6203



82.4439, 88.6348, 90.2821



81.4087, 88.6348, 96.3963

Sweetspot

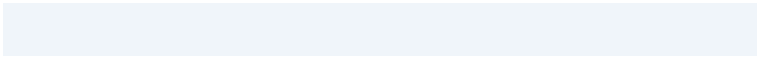
The Sweet Spot groups the original color and five complimentary colors.



86.0741, 88.6386, 103.0161



93.7742, 98.1427, 108.6087



85.8967, 90.8364, 103.4497



20.0850, 21.0262, 23.2498



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

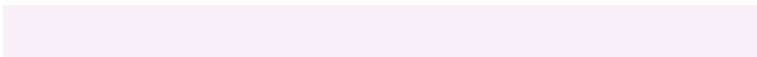
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.0741, 88.6386, 103.0161



88.8091, 90.9436, 107.4809



87.7826, 89.5193, 103.0961



18.0259, 18.3872, 21.9843



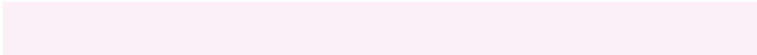
13.8011, 6.0574, 48.4153



1.4005, 0.6240, 4.4898

Inverse Universe

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



87.0690, 89.2408, 99.0269



90.1074, 91.7295, 102.2746



85.9089, 93.2193, 95.9078



18.3280, 18.5701, 20.7729



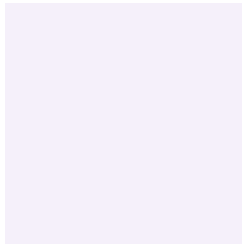
22.9497, 11.5956, 11.7095



2.1790, 1.0954, 1.3662

Previews

White Background



This preview shows how the XYZ color 86.0716, 88.6348, 103.0142 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 86.0716, 88.6348, 103.0142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

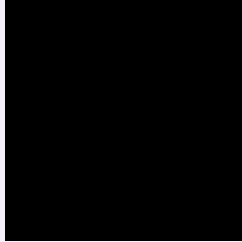
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

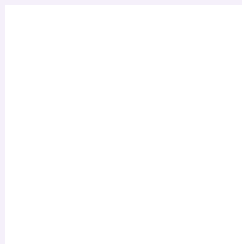
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 86.0716, 88.6348, 103.0142

Background



This preview shows how black text looks on a background with the XYZ color 86.0716, 88.6348, 103.0142.

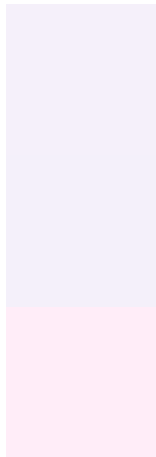


This preview shows how white text looks on a background with the XYZ color 86.0716, 88.6348,

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

86.0716, 88.6348, 103.0142

Protanopia

85.7236, 88.4554, 102.9980

Deuteranopia

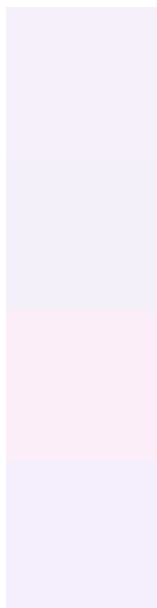
88.4675, 88.6057, 101.2468



Tritanopia

86.5727, 88.3655, 107.1011

Trichromacy



Original Color

86.0716, 88.6348, 103.0142

Protanomaly

85.7236, 88.4554, 102.9980

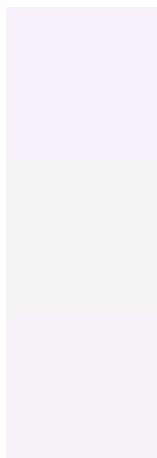
Deuteranomaly

87.4571, 88.4979, 102.0948

Tritanomaly

86.2523, 88.2373, 105.4140

Monochromacy



Original Color

86.0716, 88.6348, 103.0142

Achromatopsia

85.1904, 89.6269, 97.6037

Achromatomaly

85.6949, 89.3912, 99.9264

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.0716, 88.6348, 103.0142 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(245, 240, 250) looks like.

```
.text, #text, p{  
    color:rgb(245, 240, 250)  
}
```

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(245, 240, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 240, 250) }
```

Border

The CSS property to change the border of an element to XYZ 86.0716, 88.6348, 103.0142 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(245, 240, 250) }
```


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

```
.border{ border-color:rgb(245, 240, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 240, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 240, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 240, 250);  
box-shadow:4px 4px 4px 4px rgb(245, 240,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 86.0716, 88.6348, 103.0142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 240, 250) }
```

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

```
.background{ background-color: rgb(245,  
240, 250) }
```

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](#).

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