

Converting Colors

XYZ(84.5529, 88.8053, 92.1367)

Have a look what the booklet for
XYZ(84.5529, 88.8053, 92.1367)
contains.

XYZ(84.5486, 88.9729, 92.0742)	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(84.5486, 88.9729,
92.0742)**

Conversions

Conversions Part 1

Format	Color
Hex	F5F2EC
RGB	245, 242, 236
RGB Percent	96%, 95%, 93%
CMY	0.0392, 0.0510, 0.0745
CMYK	0.00, 0.01, 0.04, 0.04
HSL	40°, 31%, 94%
HSV	40°, 4%, 96%
XYZ	84.5486, 88.9729, 92.0742
YIQ	242.2130, 3.7140, -1.2300

Conversions

Conversions Part 2

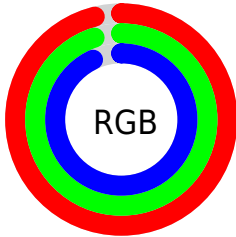
Format	Color
R _Y B	241, 245, 236
Decimal	16118508
CIE Lab	95.57, -0.03, 3.23
CIE LCh	96, 3.233, 90.587
Yxy	88.9729, 0.3183, 0.3350
Android (android.graphics.Color)	4294308588 (0xFF5F2EC)
YUV	242.2130, -3.0630, 2.4442
Hunter-Lab	94.3254, -5.0711, 8.1529

Details

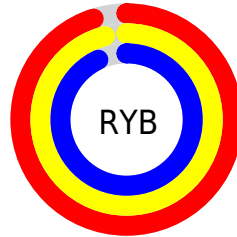
The XYZ color **84.5486, 88.9729, 92.0742** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **81.9399, 86.1570, 98.6984**, and the grayscale version is **84.5903, 88.9956, 96.9162**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.7834, 49.2319, 50.2170** is the 20% darker color. If you saturate the color by 10%, you get **78.8581, 82.9024, 73.8037**, and if you desaturate by 10%, it is **89.9420, 95.1034, 108.2241**.

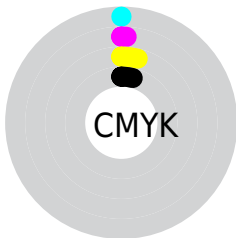
Distribution



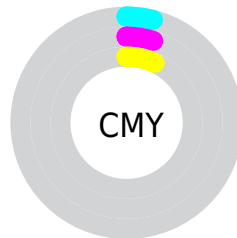
- Red (96%)
- Green (95%)
- Blue (93%)



- Red (95%)
- Yellow (96%)
- Blue (93%)



- Cyan (0%)
- Magenta (1%)
- Yellow (4%)
- Black (4%)



- Cyan (4%)
- Magenta (5%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 84.5486, 88.9729, 92.0742 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 84.5486, 88.9729, 92.0742 by changing the saturation by 10% instead.

84.5486, 88.9729,
92.0742

84.5486, 88.9729,
92.0742

498.6394,
524.6840, 555.4986

63.7897, 67.1291,
69.1189

138.6596,
145.9109, 152.1768

46.7414, 49.1895,
50.3362

172.7425,
181.7738, 190.1612

33.0384, 34.7699,
35.3075

211.9973,
223.0786, 233.9923

22.3152, 23.4856,
23.6144

256.7895,
270.2097, 284.0888

14.2066, 14.9525,
14.8383

307.4845,
323.5513, 340.8691

8.3472, 8.7861,
8.5606

364.4476,

4.3715, 4.6019,

383.4880, 404.7518

4.3628

428.0441,
450.4041, 476.1554

■ 1.9144, 2.0156,
1.8264

■ 0.5852, 0.6165,
0.4453

■ 84.5486, 88.9729,
92.0742

■ 84.5486, 88.9729,
92.0742

■ 78.8581, 82.9024,
73.8037

■ 89.9420, 95.1034,
108.2241

■ 73.7407, 77.2291,
58.0347

■ 91.4666, 98.1527,
108.7323

■ 69.1761, 71.9457,
44.6575

■ 65.1403, 67.0401,
33.5520

■ 61.6071, 62.4995,
24.5877

■ 58.5478, 58.3099,
17.6206

■ 55.9301, 54.4561,
12.4888

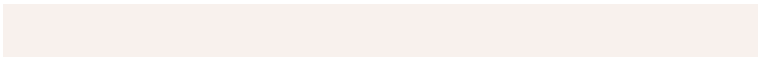
■ 53.7170, 50.9207,
9.0050

■ 51.8637, 47.6831,
6.9411

Harmonies

Analogous

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



85.4063, 88.9729, 92.6838



84.5486, 88.9729, 92.0742



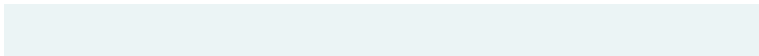
83.7013, 88.9729, 92.7324

Triad

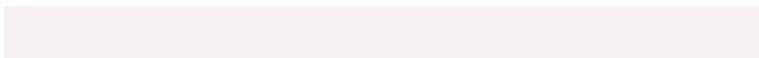
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.5486, 88.9729, 92.0742



83.1065, 88.9729, 99.3829



86.0603, 88.9729, 99.2948

Complementary

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



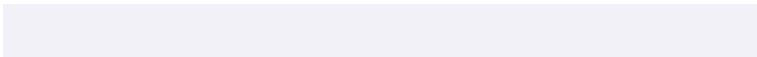
84.5486, 88.9729, 92.0742



81.9399, 86.1570, 98.6984

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.



85.4368, 88.9729, 101.1419



84.5486, 88.9729, 92.0742



83.7313, 88.9729, 101.1934

Square

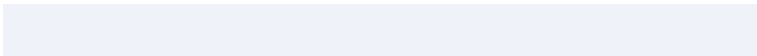
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



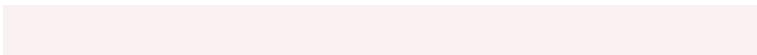
84.5486, 88.9729, 92.0742



82.8722, 88.9729, 96.9264



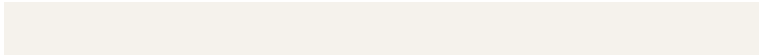
84.5835, 88.9729, 101.8427



86.2828, 88.9729, 96.8263

Rectangle

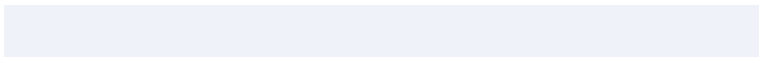
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



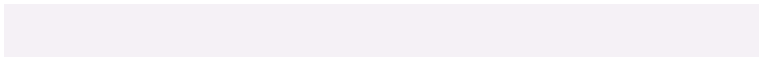
84.5486, 88.9729, 92.0742



83.2554, 88.9729, 93.8084



84.5835, 88.9729, 101.8427



85.8905, 88.9729, 100.0105

Sweetspot

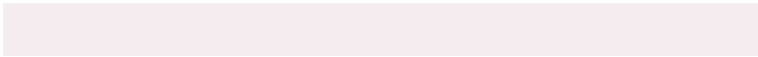
The Sweet Spot groups the original color and five complimentary colors.



84.5511, 88.9768, 92.0761



94.3720, 99.2965, 106.6620



83.2328, 85.6367, 93.8053



20.2066, 21.2610, 22.8536



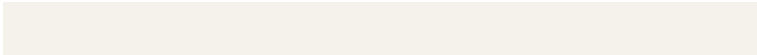
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

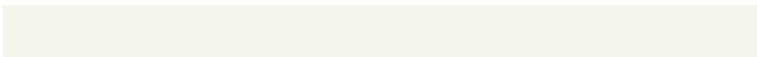
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.5511, 88.9768, 92.0761



92.3775, 97.2135, 100.1215



84.9287, 90.5058, 92.3514



18.0117, 18.9548, 19.3178



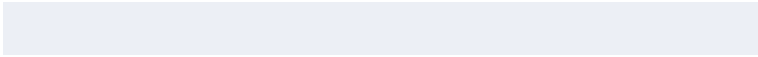
27.5184, 24.9224, 3.3601



2.5128, 2.3788, 0.3267

Inverse Universe

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



81.9399, 86.1570, 98.6984



89.2638, 93.8511, 108.0181



81.5704, 84.6756, 98.4319



17.2932, 18.1789, 21.1400



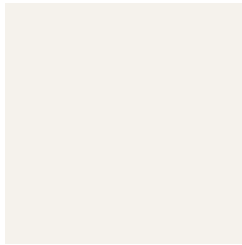
10.5990, 6.9918, 47.3290



1.0221, 0.7957, 4.1899

Previews

White Background



This preview shows how the XYZ color 84.5486, 88.9729, 92.0742 looks on a white background.

Color Contrast Check

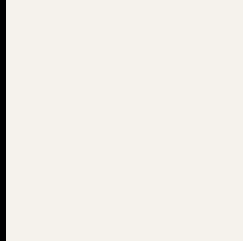
Large Text (above 18pt) WCAG AA × Fail

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 84.5486, 88.9729, 92.0742 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

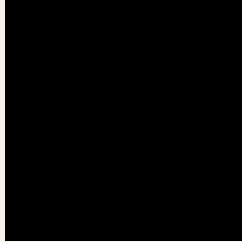
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

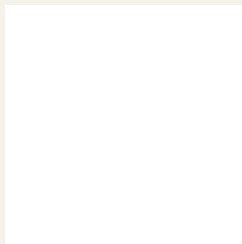
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 84.5486, 88.9729, 92.0742

Background



This preview shows how black text looks on a background with the XYZ color 84.5486, 88.9729, 92.0742.

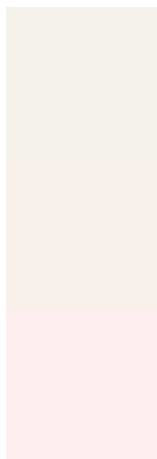


This preview shows how white text looks on a background with the XYZ color 84.5486, 88.9729,

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

84.5486, 88.9729, 92.0742

Protanopia

85.1621, 88.8652, 91.2614

Deuteranopia

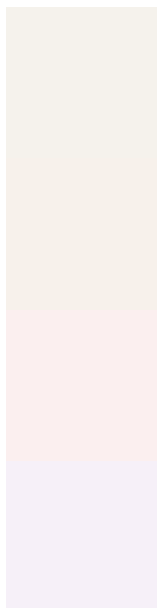
87.5427, 88.7003, 94.9450



Tritanopia

87.2743, 88.7272, 107.1339

Trichromacy



Original Color

84.5486, 88.9729, 92.0742

Protanomaly

84.8085, 88.6829, 91.2449

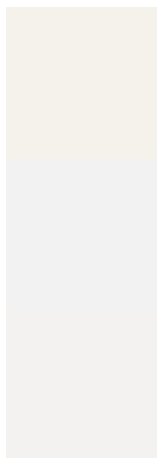
Deuteranomaly

86.2302, 88.4742, 94.1938

Tritanomaly

86.1094, 88.6903, 101.3874

Monochromacy



Original Color

84.5486, 88.9729, 92.0742

Achromatopsia

84.3971, 88.7923, 96.6948

Achromatomaly

84.4425, 88.8502, 95.1373

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.5486, 88.9729, 92.0742 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, 242, 236) looks like.

```
.text, #text, p{  
    color:rgb(245, 242, 236)  
}
```

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, 242, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 242, 236) }
```

Border

The CSS property to change the border of an element to XYZ 84.5486, 88.9729, 92.0742 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, 242, 236) }
```


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

```
.border{ border-color:rgb(245, 242, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 242, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 242, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 242, 236);  
box-shadow:4px 4px 4px 4px rgb(245, 242,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 84.5486, 88.9729, 92.0742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 242, 236) }
```

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

```
.background{ background-color: rgb(245,  
242, 236) }
```

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