

Converting Colors

XYZ(85.2845, 85.9323, 94.9927)

Have a look what the booklet for
XYZ(85.2845, 85.9323, 94.9927)
contains.

XYZ(85.4449, 85.8920, 95.2945)	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(85.4449, 85.8920,
95.2945)**

Conversions

Conversions Part 1

Format	Color
Hex	FCEAF1
RGB	252, 234, 241
RGB Percent	99%, 92%, 95%
CMY	0.0118, 0.0823, 0.0549
CMYK	0.00, 0.07, 0.04, 0.01
HSL	337°, 75%, 95%
HSV	337°, 7%, 99%
XYZ	85.4449, 85.8920, 95.2945
YIQ	240.1800, 8.4810, 5.9930

Conversions

Conversions Part 2

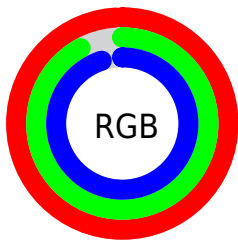
Format	Color
R _Y B	252, 234, 241
Decimal	16575217
CIE Lab	94.27, 7.28, -1.19
CIE LCh	94, 7.374, 350.683
Yxy	85.8920, 0.3205, 0.3221
Android (android.graphics.Color)	4294765297 (0xFFFCFAF1)
YUV	240.1800, 0.4043, 10.3661
Hunter-Lab	92.6779, 2.3826, 3.9106

Details

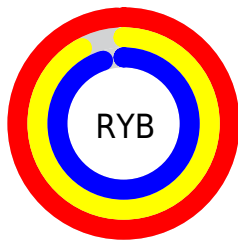
The XYZ color **85.4449, 85.8920, 95.2945** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **85.2268, 93.7080, 99.9863**, and the grayscale version is **82.9598, 87.2801, 95.0481**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.1830, 46.9457, 52.4735** is the 20% darker color. If you saturate the color by 10%, you get **76.5706, 71.6704, 81.4607**, and if you desaturate by 10%, it is **93.9554, 99.4357, 108.8488**.

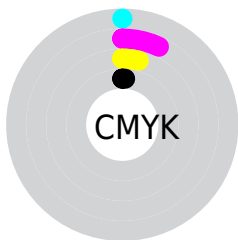
Distribution



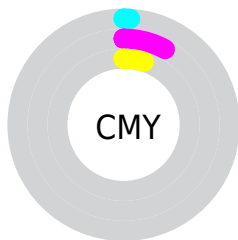
- Red (99%)
- Green (92%)
- Blue (95%)



- Red (99%)
- Yellow (92%)
- Blue (95%)



- Cyan (0%)
- Magenta (7%)
- Yellow (4%)
- Black (1%)





- Cyan (1%)
- Magenta (8%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 85.4449, 85.8920, 95.2945 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 85.4449, 85.8920, 95.2945 by changing the saturation by 10% instead.


 85.4449, 85.8920,
95.2945

 85.4449, 85.8920,
95.2945


501.5606,
514.5750, 566.1158

 64.5328, 64.5787,
71.7819


139.9054,
141.6188, 156.6705

 47.3456, 47.1195,
52.4948


174.1845,
176.8010, 195.3709

 33.5181, 33.1301,
37.0146


213.6500,
217.3750, 239.9710

 22.6847, 22.2262,
24.9229

258.6673,
263.7251, 290.8894

 14.4803, 14.0232,
15.8012

309.6016,
316.2358, 348.5445

 8.5394, 8.1368,
9.2307

366.8183,

 4.4967, 4.1826,

375.2914, 413.3549

4.7931

430.6829,
441.2763, 485.7391

■ 1.9868, 1.7762,
2.0698

■ 0.6265, 0.4723,
0.5977

■ 85.4449, 85.8920,
95.2945

■ 85.4449, 85.8920,
95.2945

■ 76.5706, 71.6704,
81.4607

93.9554, 99.4357,
108.8488

■ 68.8612, 59.4759,
68.9504

■ 62.2682, 49.2187,
57.7240

■ 56.7369, 40.7974,
47.7376

■ 52.2078, 34.1017,
38.9447

■ 48.6150, 29.0090,
31.2951

■ 45.8844, 25.3805,
24.7346

■ 43.9294, 23.0533,
19.2030

■ 42.6402, 21.8187,
14.6305

Harmonies

Analogous

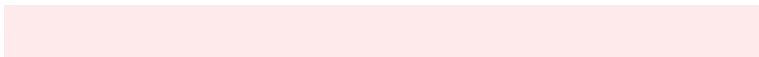
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.6127, 85.8920, 100.5873



85.4449, 85.8920, 95.2945



85.2443, 85.8920, 89.7308

Triad

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



85.4449, 85.8920, 95.2945



80.3031, 85.8920, 83.7064



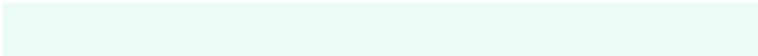
79.2539, 85.8920, 102.1956

Complementary

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



85.4449, 85.8920, 95.2945



85.2268, 93.7080, 99.9863

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.



78.1344, 85.8920, 97.4181



85.4449, 85.8920, 95.2945



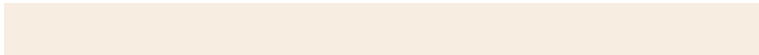
78.7334, 85.8920, 86.7952

Square

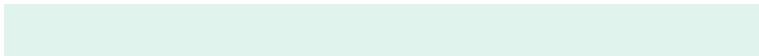
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



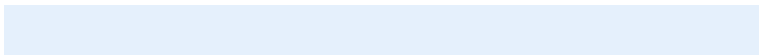
85.4449, 85.8920, 95.2945



82.2544, 85.8920, 83.1894



77.9454, 85.8920, 91.7712



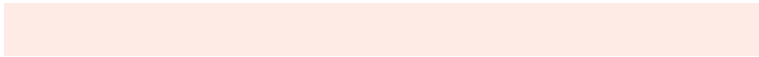
81.0242, 85.8920, 104.6761

Rectangle

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



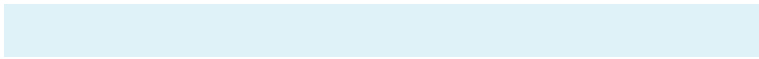
85.4449, 85.8920, 95.2945



84.5531, 85.8920, 86.6061



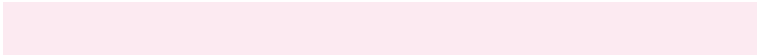
77.9454, 85.8920, 91.7712



78.7902, 85.8920, 100.7962

Sweetspot

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



85.4473, 85.8957, 95.2964



92.9466, 96.5899, 105.7429



84.5830, 85.2545, 104.0944



19.9165, 20.7099, 22.6665



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

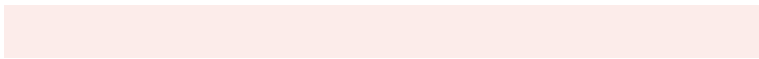
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.4473, 85.8957, 95.2964



85.9836, 85.3506, 95.1394



84.9370, 86.5156, 90.0689



17.5239, 17.3369, 19.3488



22.1264, 11.2663, 7.3739



2.0995, 1.0635, 0.9474

Inverse Universe

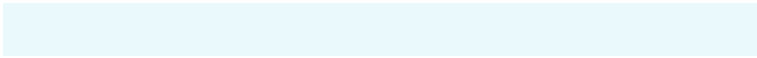
The Inverse Universe completely reimagines the original color for something new.



85.4473, 85.8957, 95.2964



85.9836, 85.3506, 95.1394



85.7529, 93.0185, 105.5313



17.5239, 17.3369, 19.3488



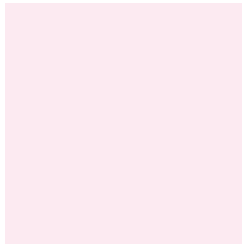
22.1264, 11.2663, 7.3739



2.0995, 1.0635, 0.9474

Previews

White Background



This preview shows how the XYZ color 85.4449, 85.8920, 95.2945 looks on a white background.

Color Contrast Check

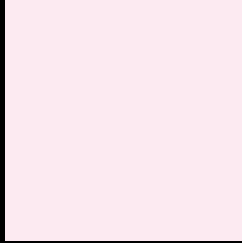
Large Text (above 18pt) WCAG AA × Fail

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 85.4449, 85.8920, 95.2945 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

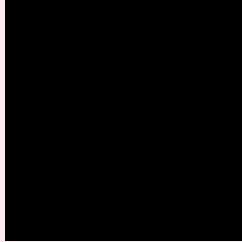
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 85.4449, 85.8920, 95.2945

Background



This preview shows how black text looks on a background with the XYZ color 85.4449, 85.8920, 95.2945.



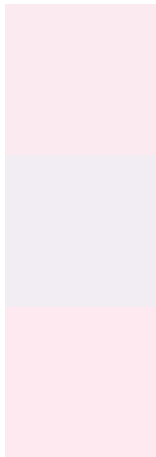
This preview shows how white text looks on a background with the XYZ color 85.4449, 85.8920,

95.2945.

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

85.4449, 85.8920, 95.2945

Protanopia

82.7375, 85.7402, 96.9828

Deuteranopia

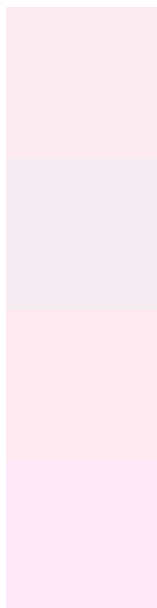
86.2561, 85.8887, 95.2511



Tritanopia

86.7772, 85.5609, 103.2080

Trichromacy



Original Color

85.4449, 85.8920, 95.2945

Protanomaly

83.6787, 85.8142, 96.1579

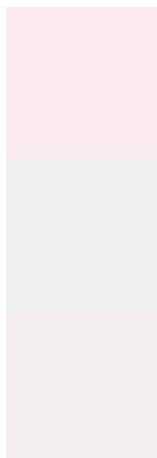
Deuteranomaly

85.8891, 85.6995, 95.2339

Tritanomaly

86.4354, 85.8759, 100.0158

Monochromacy



Original Color

85.4449, 85.8920, 95.2945

Achromatopsia

82.8234, 87.1367, 94.8919

Achromatomaly

83.6109, 86.6734, 94.7610

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.4449, 85.8920, 95.2945 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(252, 234, 241) looks like.

```
.text, #text, p{  
    color:rgb(252, 234, 241)  
}
```

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(252, 234, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 234, 241) }
```

Border

The CSS property to change the border of an element to XYZ 85.4449, 85.8920, 95.2945 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(252, 234, 241) }
```


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

```
.border{ border-color:rgb(252, 234, 241) }
```

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

Here you see how a box with a 4 pixel rgb(252, 234, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 234, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 234, 241);  
box-shadow:4px 4px 4px 4px rgb(252, 234,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 85.4449, 85.8920, 95.2945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 234, 241) }
```

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

```
.background{ background-color: rgb(252,  
234, 241) }
```

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