

Converting Colors

XYZ(86.5400, 86.4565, 95.3457)

Have a look what the booklet for
XYZ(86.5400, 86.4565, 95.3457)
contains.

XYZ(86.5400, 86.4565, 95.3457)	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(86.5400, 86.4565,
95.3457)**

Conversions

Conversions Part 1

Format	Color
Hex	FFEAF1
RGB	255, 234, 241
RGB Percent	100%, 92%, 95%
CMY	0.0000, 0.0823, 0.0549
CMYK	0.00, 0.08, 0.05, 0.00
HSL	340°, 100%, 96%
HSV	340°, 8%, 100%
XYZ	86.5400, 86.4565, 95.3457
YIQ	241.0770, 10.2690, 6.6290

Conversions

Conversions Part 2

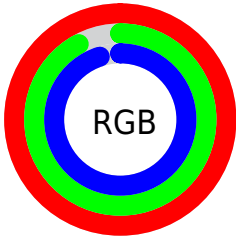
Format	Color
R _Y B	255, 234, 241
Decimal	16771825
CIE Lab	94.51, 8.29, -0.81
CIE LCh	95, 8.330, 354.403
Yxy	86.4565, 0.3225, 0.3222
Android (android.graphics.Color)	4294961905 (0xFFFFEAF1)
YUV	241.0770, -0.0380, 12.2105
Hunter-Lab	92.9820, 3.4147, 4.2902

Details

The XYZ color **86.5400, 86.4565, 95.3457** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **86.6376, 95.7910, 102.7337**, and the grayscale version is **83.6661, 88.0233, 95.8573**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.9661, 47.3493, 52.5102** is the 20% darker color. If you saturate the color by 10%, you get **77.3738, 72.0006, 80.3395**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

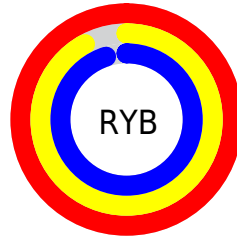
Distribution



Red (100%)

Green (92%)

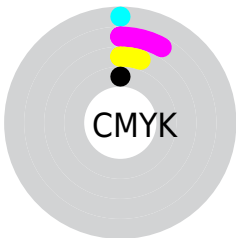
Blue (95%)



Red (100%)

Yellow (92%)

Blue (95%)

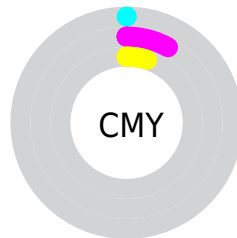


Cyan (0%)

Magenta (8%)

Yellow (5%)

Black (0%)



Cyan (0%)

Magenta (8%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 86.5400, 86.4565, 95.3457 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 86.5400, 86.4565, 95.3457 by changing the saturation by 10% instead.


 86.5400, 86.4565,
95.3457

 86.5400, 86.4565,
95.3457


505.1174,
516.4353, 566.2837

 65.4414, 65.0455,
71.8243


141.4258,
142.4064, 156.7418

 48.0851, 47.4980,
52.5292


175.9436,
177.7140, 195.4535

 34.1058, 33.4295,
37.0419


215.6652,
218.4227, 240.0658

 23.1382, 22.4557,
24.9439

260.9559,
264.9168, 290.9971

 14.8168, 14.1921,
15.8166

312.1812,
317.5807, 348.6660

 8.7764, 8.2544,
9.2415

369.7063,

 4.6516, 4.2582,

376.7988, 413.4910

4.8001

433.8965,
442.9556, 485.8908

■ 2.0769, 1.8190,
2.0738

■ 0.6766, 0.4990,
0.6001

■ 86.5400, 86.4565,
95.3457

■ 86.5400, 86.4565,
95.3457

■ 77.3738, 72.0006,
80.3395

95.0500, 100.0000,
108.9000

■ 69.4367, 59.6342,
66.8796

■ 62.6762, 49.2629,
54.9164

■ 57.0339, 40.7809,
44.3955

■ 52.4460, 34.0725,
35.2592

■ 48.8419, 29.0094,
27.4451

■ 46.1420, 25.4454,
20.8857

■ 44.2531, 23.2083,
15.5060

■ 43.0493, 22.0620,
11.2166

Harmonies

Analogous

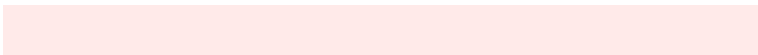
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.7299, 86.4565, 101.5076



86.5400, 86.4565, 95.3457



86.1631, 86.4565, 89.1269

Triad

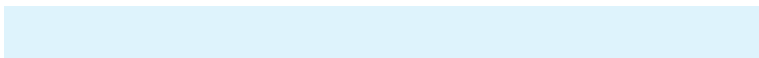
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.5400, 86.4565, 95.3457



80.4060, 86.4565, 83.3344



79.6904, 86.4565, 104.5371

Complementary

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



86.5400, 86.4565, 95.3457



86.6376, 95.7910, 102.7337

Split Complementary

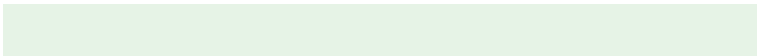
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.3105, 86.4565, 99.3303



86.5400, 86.4565, 95.3457



78.7184, 86.4565, 87.1310

Square

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



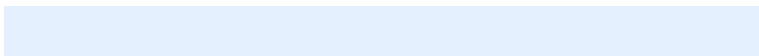
86.5400, 86.4565, 95.3457



82.5955, 86.4565, 82.3754



77.9580, 86.4565, 92.9374



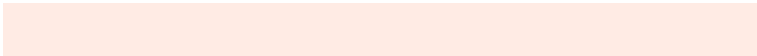
81.7546, 86.4565, 106.9668

Rectangle

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



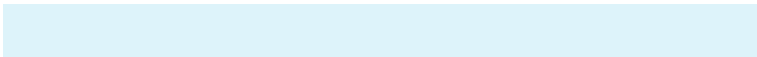
86.5400, 86.4565, 95.3457



85.2930, 86.4565, 85.7589



77.9580, 86.4565, 92.9374



79.1326, 86.4565, 103.0425

Sweetspot

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



86.5419, 86.4600, 95.3475



92.9018, 96.5720, 105.5068



86.1866, 86.0259, 106.6699



19.9073, 20.7063, 22.6185



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

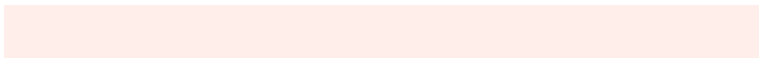
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.5419, 86.4600, 95.3475



84.8301, 83.7486, 92.5807



86.5228, 88.0621, 90.2839



18.2590, 18.0869, 19.9811



22.4665, 11.4759, 5.8410



2.2357, 1.1367, 0.8229

Inverse Universe

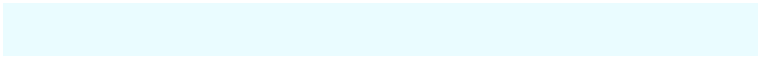
The Inverse Universe completely reimagines the original color for something new.



86.5419, 86.4600, 95.3475



84.8301, 83.7486, 92.5807



86.6375, 94.0212, 108.1894



18.2590, 18.0869, 19.9811



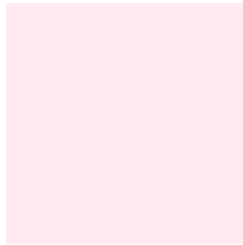
22.4665, 11.4759, 5.8410



2.2357, 1.1367, 0.8229

Previews

White Background



This preview shows how the XYZ color 86.5400, 86.4565, 95.3457 looks on a white background.

Color Contrast Check

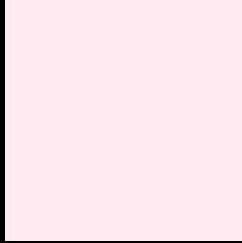
Large Text (above 18pt) WCAG AA × Fail

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 86.5400, 86.4565, 95.3457 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

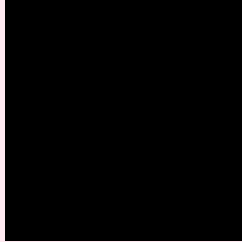
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 86.5400, 86.4565, 95.3457

Background



This preview shows how black text looks on a background with the XYZ color 86.5400, 86.4565, 95.3457.



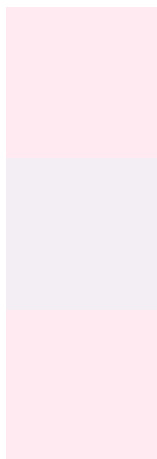
This preview shows how white text looks on a background with the XYZ color 86.5400, 86.4565,

95.3457.

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

86.5400, 86.4565, 95.3457

Protanopia

83.3701, 86.4974, 97.0956

Deuteranopia

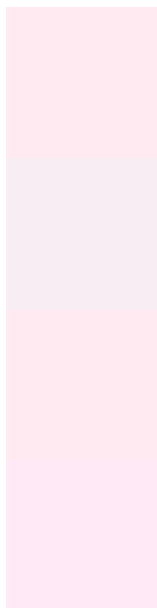
86.5400, 86.4565, 95.3457



Tritanopia

87.6342, 86.4400, 102.5082

Trichromacy



Original Color

86.5400, 86.4565, 95.3457

Protanomaly

84.6690, 86.7533, 96.2869

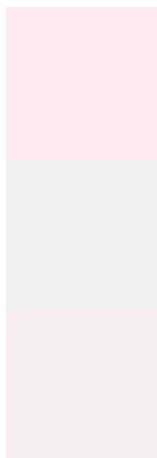
Deuteranomaly

86.5400, 86.4565, 95.3457

Tritanomaly

87.1674, 86.2532, 100.0500

Monochromacy



Original Color

86.5400, 86.4565, 95.3457

Achromatopsia

83.6081, 87.9622, 95.7909

Achromatomaly

84.4578, 87.0928, 95.5783

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.5400, 86.4565, 95.3457 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(255, 234, 241)` looks like.

```
.text, #text, p{  
    color:rgb(255, 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(255, 234, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 234, 241) }
```

Border

The CSS property to change the border of an element to XYZ 86.5400, 86.4565, 95.3457 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(255, 234, 241) }
```


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

```
.border{ border-color:rgb(255, 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(255, 234, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 234, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 234, 241);  
box-shadow:4px 4px 4px 4px rgb(255, 234,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 86.5400, 86.4565, 95.3457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 234, 241) }
```

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

```
.background{ background-color: rgb(255,  
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