

Converting Colors

XYZ(86.0818, 86.5605,
100.4942)

Have a look what the booklet for
XYZ(86.0818, 86.5605, 100.4942)
contains.

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Color

**XYZ(85.9212, 86.4561,
100.1548)**

Conversions

Conversions Part 1

Format	Color
Hex	FAEBF7
RGB	250, 235, 247
RGB Percent	98%, 92%, 97%
CMY	0.0196, 0.0784, 0.0314
CMYK	0.00, 0.06, 0.01, 0.02
HSL	312°, 60%, 95%
HSV	312°, 6%, 98%
XYZ	85.9212, 86.4561, 100.1548
YIQ	240.8530, 5.0880, 6.9120

Conversions

Conversions Part 2

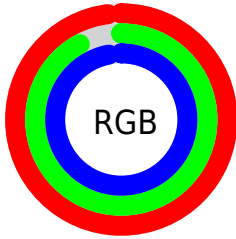
Format	Color
R _Y B	250, 235, 247
Decimal	16444407
CIE Lab	94.51, 7.13, -3.98
CIE LCh	95, 8.167, 330.858
Yxy	86.4561, 0.3153, 0.3172
Android (android.graphics.Color)	4294634487 (0xFFFAEBF7)
YUV	240.8530, 3.0305, 8.0219
Hunter-Lab	92.9818, 2.2275, 1.2233

Details

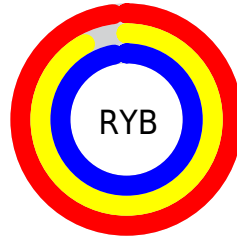
The XYZ color **85.9212, 86.4561, 100.1548** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **83.8825, 92.2088, 94.2705**, and the grayscale version is **83.4698, 87.8167, 95.6324**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.7722, 47.4711, 55.9352** is the 20% darker color. If you saturate the color by 10%, you get **78.4999, 72.8311, 93.9247**, and if you desaturate by 10%, it is **92.7561, 98.8728, 106.2937**.

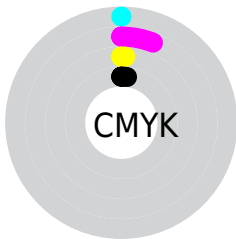
Distribution



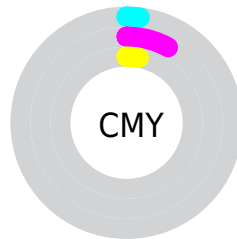
- Red (98%)
- Green (92%)
- Blue (97%)



- Red (98%)
- Yellow (92%)
- Blue (97%)



- Cyan (0%)
- Magenta (6%)
- Yellow (1%)
- Black (2%)



- Cyan (2%)
- Magenta (8%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 85.9212, 86.4561, 100.1548 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 85.9212, 86.4561, 100.1548 by changing the saturation by 10% instead.

85.9212, 86.4561,
100.1548

85.9212, 86.4561,
100.1548

503.1092,
516.4339, 581.9398

64.9279, 65.0452,
75.8122

140.5669,
142.4058, 163.4236

47.6671, 47.4977,
55.7728

174.9500,
177.7134, 203.1870

33.7735, 33.4293,
39.6180

214.5271,
218.4220, 248.9276

22.8817, 22.4555,
26.9293

259.6634,
264.9160, 301.0641

14.6264, 14.1920,
17.2882

310.7245,
317.5798, 360.0151

8.6422, 8.2543,
10.2760

368.0756,

4.5638, 4.2581,

376.7978, 426.1990

5.4744

432.0820,
442.9544, 500.0344

■ 2.0258, 1.8190,
2.4646

■ 0.6484, 0.4990,
0.8213

■ 85.9212, 86.4561,
100.1548

■ 85.9212, 86.4561,
100.1548

■ 78.4999, 72.8311,
93.9247

■ 92.7561, 98.8728,
106.2937

■ 72.0609, 61.1389,
88.1224

■ 93.2349, 99.0643,
108.8151

■ 66.5617, 51.2938,
82.7340

■ 61.9541, 43.1995,
77.7425

■ 58.1853, 36.7508,
73.1295

■ 55.1971, 31.8314,
68.8749

■ 52.9235, 28.3095,
64.9558

■ 51.2872, 26.0311,
61.3455

■ 50.1926, 24.8051,
58.0114

Harmonies

Analogous

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



84.3610, 86.4561, 104.9146



85.9212, 86.4561, 100.1548



86.4731, 86.4561, 93.9549

Triad

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



85.9212, 86.4561, 100.1548



82.1107, 86.4561, 82.5436



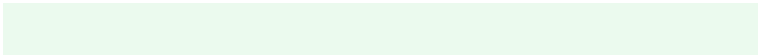
78.5987, 86.4561, 100.4823

Complementary

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



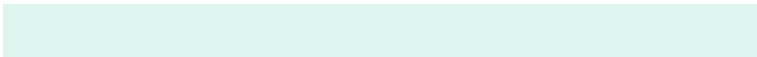
85.9212, 86.4561, 100.1548



83.8825, 92.2088, 94.2705

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.



78.0197, 86.4561, 94.3174



85.9212, 86.4561, 100.1548



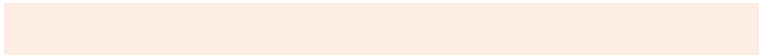
80.0250, 86.4561, 84.1221

Square

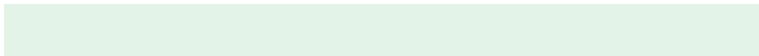
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



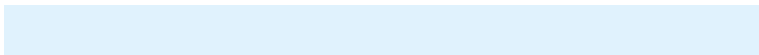
85.9212, 86.4561, 100.1548



84.2495, 86.4561, 83.9541



78.5372, 86.4561, 88.3633



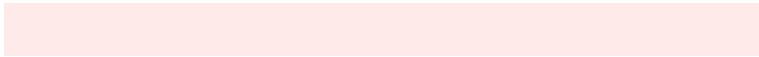
80.1327, 86.4561, 105.1095

Rectangle

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



85.9212, 86.4561, 100.1548



86.1873, 86.4561, 89.8914



78.5372, 86.4561, 88.3633



78.2871, 86.4561, 98.5122

Sweetspot

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



85.9237, 86.4598, 100.1567



93.2807, 96.7235, 107.5020



82.2272, 84.5003, 102.4202



19.9844, 20.7371, 23.0246



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.



85.9237, 86.4598, 100.1567



89.0479, 88.9074, 104.0892



84.7896, 86.0062, 94.1847



18.1477, 18.0360, 21.2474



26.4936, 13.0132, 30.3715



2.4903, 1.2198, 3.0051

Inverse Universe

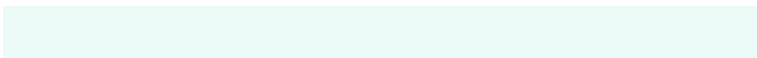
The Inverse Universe completely reimagines the original color for something new.



85.9237, 86.4598, 100.1567



89.0479, 88.9074, 104.0892



85.0073, 92.6587, 100.1938



18.1477, 18.0360, 21.2474



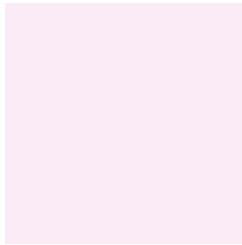
26.4936, 13.0132, 30.3715



2.4903, 1.2198, 3.0051

Previews

White Background



This preview shows how the XYZ color 85.9212, 86.4561, 100.1548 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 85.9212, 86.4561, 100.1548 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

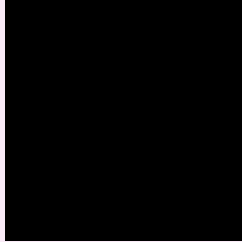
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 85.9212, 86.4561, 100.1548

Background



This preview shows how black text looks on a background with the XYZ color 85.9212, 86.4561, 100.1548.



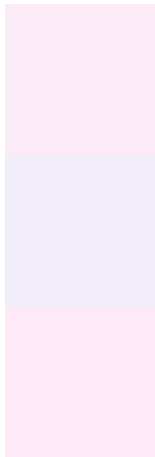
This preview shows how white text looks on a background with the XYZ color 85.9212, 86.4561,

100.1548.

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

85.9212, 86.4561, 100.1548

Protanopia

83.9490, 86.6894, 101.9307

Deuteranopia

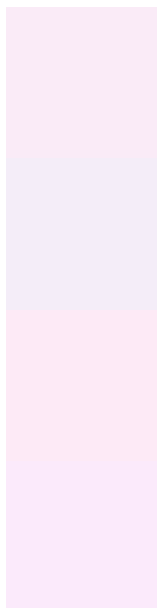
87.0135, 86.1916, 99.2393



Tritanopia

86.9361, 86.4467, 105.0324

Trichromacy



Original Color

85.9212, 86.4561, 100.1548

Protanomaly

84.5357, 86.5788, 101.0628

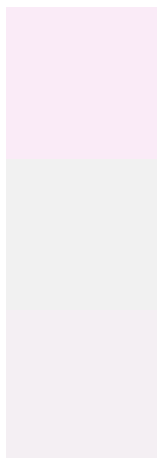
Deuteranomaly

86.5654, 86.3821, 99.2997

Tritanomaly

86.6191, 86.3199, 103.3629

Monochromacy



Original Color

85.9212, 86.4561, 100.1548

Achromatopsia

83.6081, 87.9622, 95.7909

Achromatomaly

84.3524, 87.4372, 97.2252

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.9212, 86.4561, 100.1548 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(250, 235, 247)` looks like.

```
.text, #text, p{  
    color:rgb(250, 235, 247)  
}
```

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(250, 235, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 235, 247) }
```

Border

The CSS property to change the border of an element to XYZ 85.9212, 86.4561, 100.1548 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(250, 235, 247) }
```


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

```
.border{ border-color:rgb(250, 235, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 235, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 235, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 235, 247);  
box-shadow:4px 4px 4px 4px rgb(250, 235,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 85.9212, 86.4561, 100.1548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 235, 247) }
```

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

```
.background{ background-color: rgb(250,  
235, 247) }
```

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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