

Converting Colors

XYZ(85.8866, 86.4296,
100.8710)

Have a look what the booklet for
XYZ(85.8866, 86.4296, 100.8710)
contains.

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Color

**XYZ(86.0759, 86.5180,
100.9699)**

Conversions

Conversions Part 1

Format	Color
Hex	FAEBF8
RGB	250, 235, 248
RGB Percent	98%, 92%, 97%
CMY	0.0196, 0.0784, 0.0274
CMYK	0.00, 0.06, 0.01, 0.02
HSL	308°, 60%, 95%
HSV	308°, 6%, 98%
XYZ	86.0759, 86.5180, 100.9699
YIQ	240.9670, 4.7670, 7.2230

Conversions

Conversions Part 2

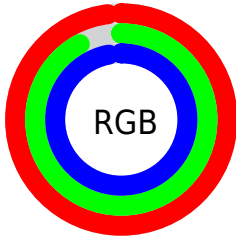
Format	Color
R _Y B	250, 235, 248
Decimal	16444408
CIE Lab	94.53, 7.31, -4.46
CIE LCh	95, 8.561, 328.622
Yxy	86.5180, 0.3146, 0.3163
Android (android.graphics.Color)	4294634488 (0xFFFAEBF8)
YUV	240.9670, 3.4673, 7.9219
Hunter-Lab	93.0151, 2.4071, 0.7499

Details

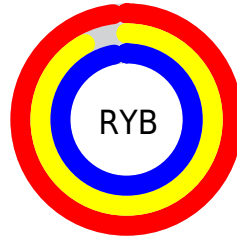
The XYZ color **86.0759, 86.5180, 100.9699** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **83.7358, 92.1500, 93.4985**, and the grayscale version is **83.5563, 87.9077, 95.7315**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.8827, 47.5153, 56.5169** is the 20% darker color. If you saturate the color by 10%, you get **78.9036, 72.9926, 96.0507**, and if you desaturate by 10%, it is **92.6504, 98.8305, 105.7374**.

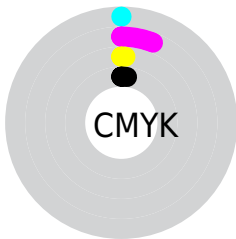
Distribution



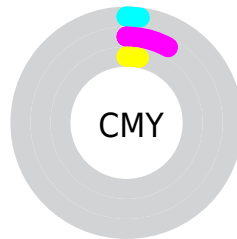
- Red (98%)
- Green (92%)
- Blue (97%)



- 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 86.0759, 86.5180, 100.9699 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 86.0759, 86.5180, 100.9699 by changing the saturation by 10% instead.

 86.0759, 86.5180,
100.9699

 86.0759, 86.5180,
100.9699


503.6117,
516.6377, 584.5710

 65.0562, 65.0964,
76.4894

140.7817,
142.4921, 164.5529

 47.7715, 47.5393,
56.3248


175.1985,
177.8134, 204.4925

 33.8565, 33.4622,
40.0577


214.8117,
218.5368, 250.4221

 22.9457, 22.4807,
27.2694

259.9867,
265.0465, 302.7605

 14.6739, 14.2106,
17.5414

311.0889,
317.7271, 361.9260

 8.6757, 8.2673,
10.4552

368.4835,

 4.5857, 4.2664,

376.9629, 428.3372

5.5923

432.5360,
443.1383, 502.4127

■ 2.0385, 1.8237,
2.5340

■ 0.6555, 0.5019,
0.8581

■ 86.0759, 86.5180,
100.9699

■ 86.0759, 86.5180,
100.9699

■ 78.9036, 72.9926,
96.0507

■ 92.6504, 98.8305,
105.7374

■ 72.7021, 61.3954,
91.4993

■ 93.1817, 99.0430,
108.5351

■ 67.4292, 51.6408,
87.3025

■ 93.2348, 99.0642,
108.8151

■ 63.0367, 43.6326,
83.4438

■ 59.4720, 37.2655,
79.9057

■ 56.6770, 32.4234,
76.6683

■ 54.5857, 28.9744,
73.7096

■ 53.1211, 26.7647,
71.0036

■ 52.1878, 25.6032,
68.5182

Harmonies

Analogous

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



84.3747, 86.5180, 105.7933



86.0759, 86.5180, 100.9699



86.7447, 86.5180, 94.5091

Triad

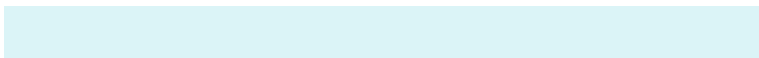
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.0759, 86.5180, 100.9699



82.3394, 86.5180, 82.0724



78.4024, 86.5180, 100.4170

Complementary

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



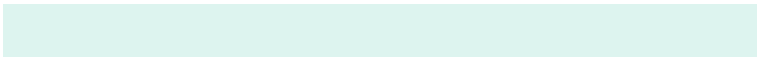
86.0759, 86.5180, 100.9699



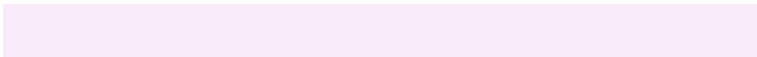
83.7358, 92.1500, 93.4985

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.



77.8801, 86.5180, 93.8984



86.0759, 86.5180, 100.9699



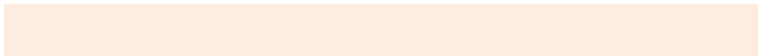
80.1274, 86.5180, 83.4924

Square

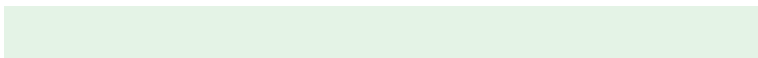
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



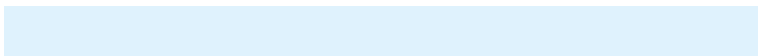
86.0759, 86.5180, 100.9699



84.5627, 86.5180, 83.7745



78.5058, 86.5180, 87.7462



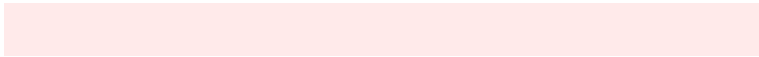
79.9460, 86.5180, 105.4638

Rectangle

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



86.0759, 86.5180, 100.9699



86.5057, 86.5180, 90.2071



78.5058, 86.5180, 87.7462



78.1029, 86.5180, 98.3160

Sweetspot

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



86.0784, 86.5217, 100.9718



93.3352, 96.7454, 107.7892



81.8924, 84.3277, 102.4043



19.9955, 20.7416, 23.0830



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

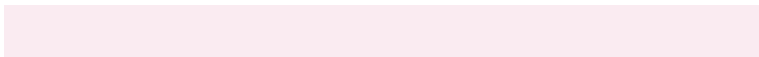
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.0784, 86.5217, 100.9718



89.2367, 88.9829, 105.0832



84.9381, 86.0656, 94.9670



18.1895, 18.0528, 21.4679



27.5709, 13.4441, 36.0442



2.5803, 1.2559, 3.4792

Inverse Universe

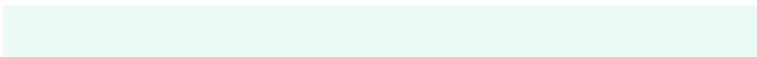
The Inverse Universe completely reimagines the original color for something new.



86.0784, 86.5217, 100.9718



89.2367, 88.9829, 105.0832



84.8546, 92.5975, 99.3898



18.1895, 18.0528, 21.4679



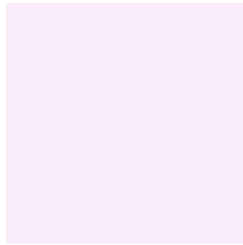
27.5709, 13.4441, 36.0442



2.5803, 1.2559, 3.4792

Previews

White Background



This preview shows how the XYZ color 86.0759, 86.5180, 100.9699 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 86.0759, 86.5180, 100.9699 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

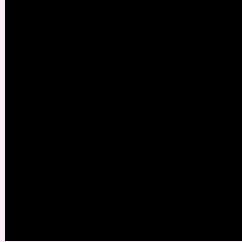
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 86.0759, 86.5180, 100.9699

Background



This preview shows how black text looks on a background with the XYZ color 86.0759, 86.5180, 100.9699.



This preview shows how white text looks on a background with the XYZ color 86.0759, 86.5180,

100.9699.

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

86.0759, 86.5180, 100.9699

Protanopia

83.7650, 86.5765, 102.7385

Deuteranopia

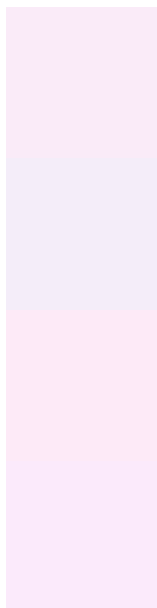
87.1674, 86.2532, 100.0500



Tritanopia

86.9361, 86.4467, 105.0324

Trichromacy



Original Color

86.0759, 86.5180, 100.9699

Protanomaly

84.6913, 86.6410, 101.8822

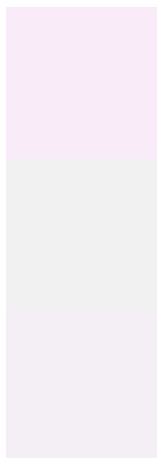
Deuteranomaly

86.7193, 86.4437, 100.1104

Tritanomaly

86.6191, 86.3199, 103.3629

Monochromacy



Original Color

86.0759, 86.5180, 100.9699

Achromatopsia

83.6081, 87.9622, 95.7909

Achromatomaly

84.5039, 87.4978, 98.0229

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.0759, 86.5180, 100.9699 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, 248)` looks like.

```
.text, #text, p{  
    color:rgb(250, 235, 248)  
}
```

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, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 235, 248) }
```

Border

The CSS property to change the border of an element to XYZ 86.0759, 86.5180, 100.9699 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, 248) }
```


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

```
.border{ border-color:rgb(250, 235, 248) }
```

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, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(250, 235, 248); -webkit-box-shadow:4px 4px 4px 4px rgb(250, 235, 248); box-shadow:4px 4px 4px 4px rgb(250, 235, 248) }
```

Background

The CSS property to change the background color of an element to XYZ 86.0759, 86.5180, 100.9699 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, 248) }
```

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

```
.background{ background-color: rgb(250,  
235, 248) }
```

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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