

Converting Colors

XYZ(84.1655, 85.8655, 94.5019)

Have a look what the booklet for
XYZ(84.1655, 85.8655, 94.5019)
contains.

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Color

**XYZ(84.1479, 85.6644,
94.5379)**

Conversions

Conversions Part 1

Format	Color
Hex	F8EBF0
RGB	248, 235, 240
RGB Percent	97%, 92%, 94%
CMY	0.0274, 0.0784, 0.0588
CMYK	0.00, 0.05, 0.03, 0.03
HSL	337°, 48%, 95%
HSV	337°, 5%, 97%
XYZ	84.1479, 85.6644, 94.5379
YIQ	239.4570, 6.1430, 4.3110

Conversions

Conversions Part 2

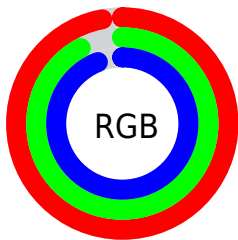
Format	Color
R _Y B	248, 235, 240
Decimal	16313328
CIE Lab	94.17, 5.24, -0.85
CIE LCh	94, 5.311, 350.746
Yxy	85.6644, 0.3183, 0.3241
Android (android.graphics.Color)	4294503408 (0xFF8EBF0)
YUV	239.4570, 0.2677, 7.4922
Hunter-Lab	92.5551, 0.3147, 4.2284

Details

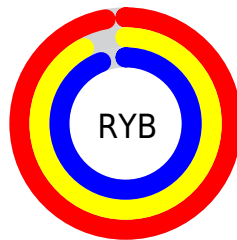
The XYZ color **84.1479, 85.6644, 94.5379** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **84.0092, 91.2702, 97.9876**, and the grayscale version is **82.3969, 86.6879, 94.4032**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.5101, 46.9074, 51.9501** is the 20% darker color. If you saturate the color by 10%, you get **75.3638, 71.5734, 80.8879**, and if you desaturate by 10%, it is **92.5219, 98.6967, 108.7817**.

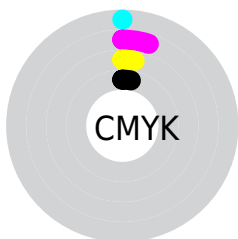
Distribution



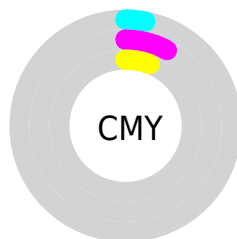
- Red (97%)
- Green (92%)
- Blue (94%)



- Red (97%)
- Yellow (92%)
- Blue (94%)



- Cyan (0%)
- Magenta (5%)
- Yellow (3%)
- Black (3%)




- Cyan (3%)
- Magenta (8%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 84.1479, 85.6644, 94.5379 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 84.1479, 85.6644, 94.5379 by changing the saturation by 10% instead.


 84.1479, 85.6644,
94.5379

 84.1479, 85.6644,
94.5379


497.3305,
513.8240, 563.6311

 63.4577, 64.3905,
71.1557


138.1022,
141.3011, 155.6161

 46.4716, 46.9670,
51.9866


172.0971,
176.4326, 194.1492

 32.8243, 33.0096,
36.6122

211.2574,
216.9522, 238.5696

 22.1505, 22.1338,
24.6140

255.9488,
263.2442, 289.2959

 14.0847, 13.9552,
15.5733

306.5364,
315.6929, 346.7467

 8.2617, 8.0895,
9.0716

363.3856,

 4.3161, 4.1523,

374.6829, 411.3405

4.6905

426.8619,
440.5984, 483.4957

■ 1.8825, 1.7591,
2.0113

■ 0.5666, 0.4615,
0.5622

■ 84.1479, 85.6644,
94.5379

■ 84.1479, 85.6644,
94.5379

■ 75.3638, 71.5734,
80.8879

■ 92.5219, 98.6967,
108.7817

■ 67.7126, 59.4513,
68.5327

■ 61.1483, 49.2129,
57.4343

■ 55.6189, 40.7623,
47.5503

■ 51.0679, 33.9951,
38.8358

■ 47.4333, 28.7960,
31.2427

■ 44.6454, 25.0348,
24.7189

■ 42.6235, 22.5603,
19.2072

■ 41.2693, 21.1863,
14.6421

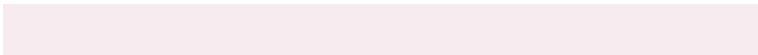
Harmonies

Analogous

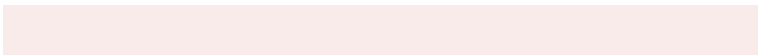
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.5555, 85.6644, 98.3132



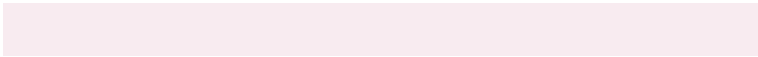
84.1479, 85.6644, 94.5379



84.0032, 85.6644, 90.5296

Triad

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



84.1479, 85.6644, 94.5379



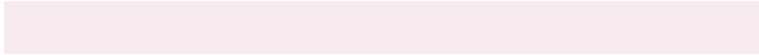
80.4575, 85.6644, 86.1464



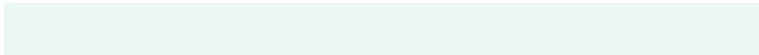
79.7049, 85.6644, 99.4651

Complementary

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



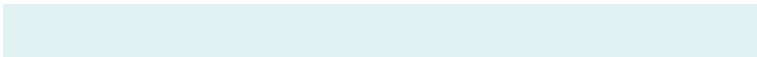
84.1479, 85.6644, 94.5379



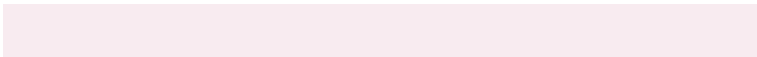
84.0092, 91.2702, 97.9876

Split Complementary

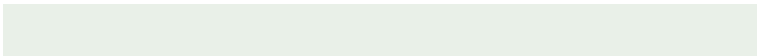
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.8931, 85.6644, 96.0732



84.1479, 85.6644, 94.5379



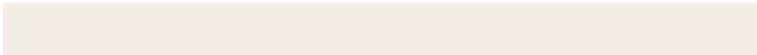
79.3241, 85.6644, 88.4100

Square

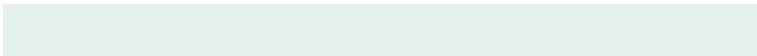
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



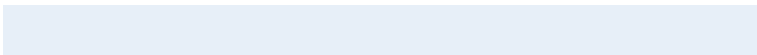
84.1479, 85.6644, 94.5379



81.8616, 85.6644, 85.7623



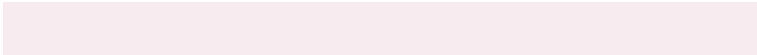
78.7545, 85.6644, 92.0214



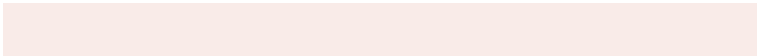
80.9829, 85.6644, 101.2119

Rectangle

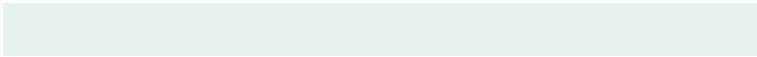
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



84.1479, 85.6644, 94.5379



83.5089, 85.6644, 88.2594



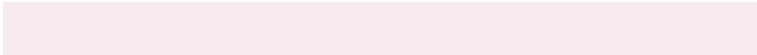
78.7545, 85.6644, 92.0214



79.3690, 85.6644, 98.4750

Sweetspot

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



84.1503, 85.6681, 94.5398



92.9431, 96.5885, 105.7245



83.5478, 85.2171, 100.8532



19.9157, 20.7096, 22.6628



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

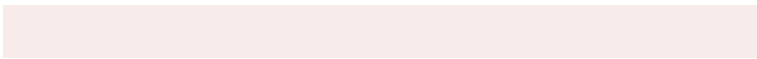
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.1503, 85.6681, 94.5398



88.8822, 90.0318, 99.5458



83.7916, 86.1222, 90.8087



18.0829, 18.2395, 20.1990



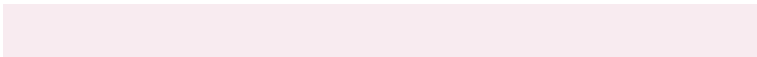
22.0993, 11.2555, 7.2315



2.0968, 1.0625, 0.9331

Inverse Universe

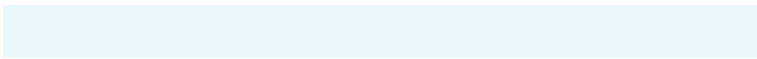
The Inverse Universe completely reimagines the original color for something new.



84.1503, 85.6681, 94.5398



88.8822, 90.0318, 99.5458



84.3760, 90.7799, 101.8832



18.0829, 18.2395, 20.1990



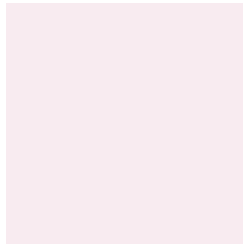
22.0993, 11.2555, 7.2315



2.0968, 1.0625, 0.9331

Previews

White Background



This preview shows how the XYZ color 84.1479, 85.6644, 94.5379 looks on a white background.

Color Contrast Check

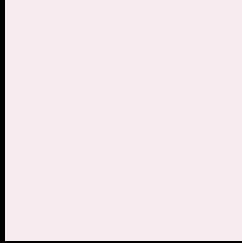
Large Text (above 18pt) WCAG AA × Fail

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 84.1479, 85.6644, 94.5379 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

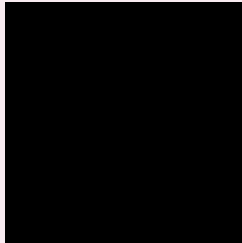
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 84.1479, 85.6644, 94.5379

Background



This preview shows how black text looks on a background with the XYZ color 84.1479, 85.6644, 94.5379.



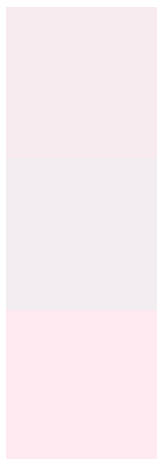
This preview shows how white text looks on a background with the XYZ color 84.1479, 85.6644,

94.5379.

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

84.1479, 85.6644, 94.5379

Protanopia

82.4370, 85.6200, 95.4005

Deuteranopia

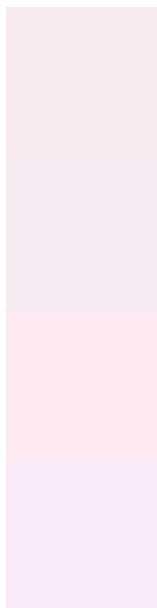
86.1071, 85.8291, 94.4664



Tritanopia

86.1339, 85.6301, 104.0840

Trichromacy



Original Color

84.1479, 85.6644, 94.5379

Protanomaly

83.1809, 85.5749, 95.3526

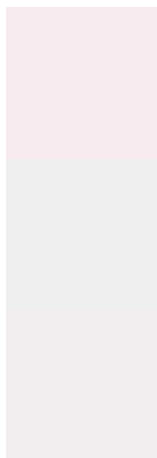
Deuteranomaly

85.2959, 85.8324, 94.5098

Tritanomaly

85.4330, 85.7627, 100.8580

Monochromacy



Original Color

84.1479, 85.6644, 94.5379

Achromatopsia

82.0431, 86.3157, 93.9978

Achromatomaly

82.7725, 86.2583, 93.9483

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.1479, 85.6644, 94.5379 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(248, 235, 240) looks like.

```
.text, #text, p{  
    color:rgb(248, 235, 240)  
}
```

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(248, 235, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 235, 240) }
```

Border

The CSS property to change the border of an element to XYZ 84.1479, 85.6644, 94.5379 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(248, 235, 240) }
```


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

```
.border{ border-color:rgb(248, 235, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 235, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 235, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 235, 240);  
box-shadow:4px 4px 4px 4px rgb(248, 235,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 84.1479, 85.6644, 94.5379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 235, 240) }
```

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

```
.background{ background-color: rgb(248,  
235, 240) }
```

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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