

Converting Colors

XYZ(84.6770, 84.6893, 93.6491)

Have a look what the booklet for
XYZ(84.6770, 84.6893, 93.6491)
contains.

XYZ(84.5815, 84.6407, 93.5407)	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(84.5815, 84.6407,
93.5407)**

Conversions

Conversions Part 1

Format	Color
Hex	FCE8EF
RGB	252, 232, 239
RGB Percent	99%, 91%, 94%
CMY	0.0118, 0.0902, 0.0627
CMYK	0.00, 0.08, 0.05, 0.01
HSL	339°, 77%, 95%
HSV	339°, 8%, 99%
XYZ	84.5815, 84.6407, 93.5407
YIQ	238.7780, 9.6730, 6.4170

Conversions

Conversions Part 2

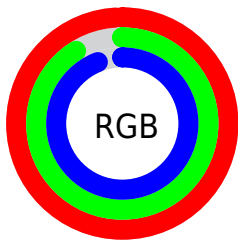
Format	Color
R _Y B	252, 232, 239
Decimal	16574703
CIE Lab	93.73, 7.96, -0.94
CIE LCh	94, 8.020, 353.265
Yxy	84.6407, 0.3219, 0.3221
Android (android.graphics.Color)	4294764783 (0xFFFC8EF)
YUV	238.7780, 0.1094, 11.5957
Hunter-Lab	92.0004, 3.1052, 4.1176

Details

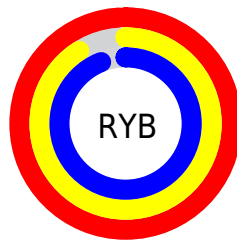
The XYZ color **84.5815, 84.6407, 93.5407** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **84.5738, 93.3714, 99.9558**, and the grayscale version is **81.8674, 86.1309, 93.7966**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.5783, 46.0717, 51.2375** is the 20% darker color. If you saturate the color by 10%, you get **75.6790, 70.5345, 79.1681**, and if you desaturate by 10%, it is **93.9554, 99.4357, 108.8488**.

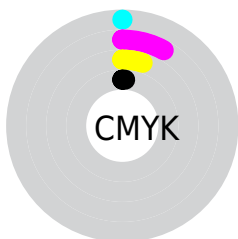
Distribution



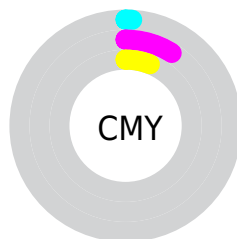
- Red (99%)
- Green (91%)
- Blue (94%)



- Red (99%)
- Yellow (91%)
- Blue (94%)



- Cyan (0%)
- Magenta (8%)
- Yellow (5%)
- Black (1%)





- Cyan (1%)
- Magenta (9%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 84.5815, 84.6407, 93.5407 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 84.5815, 84.6407, 93.5407 by changing the saturation by 10% instead.

 84.5815, 84.6407,
93.5407

 84.5815, 84.6407,
93.5407


498.7468,
510.4384, 560.3471

 63.8170, 63.5445,
70.3308


138.7054,
139.8711, 154.2252

 46.7636, 46.2819,
51.3178


172.7954,
174.7741, 192.5368

 33.0560, 32.4683,
36.0831


212.0580,
215.0481, 236.7195

 22.3288, 21.7195,
24.2082

256.8585,
261.0777, 287.1918

 14.2166, 13.6509,
15.2745

307.5623,
313.2471, 344.3721

 8.3542, 7.8783,
8.8635

364.5347,

 4.3761, 4.0172,

371.9407, 408.6791

4.5567

428.1411,
437.5431, 480.5312

■ 1.9170, 1.6832,
1.9354

■ 0.5867, 0.4127,
0.5151

■ 84.5815, 84.6407,
93.5407

■ 84.5815, 84.6407,
93.5407

■ 75.6790, 70.5345,
79.1681

93.9554, 99.4357,
108.8488

■ 67.9618, 58.4580,
66.2434

■ 61.3800, 48.3202,
54.7213

■ 55.8774, 40.0188,
44.5519

■ 51.3929, 33.4420,
35.6819

■ 47.8588, 28.4658,
28.0544

■ 45.1986, 24.9492,
21.6072

■ 43.3232, 22.7262,
16.2717

■ 42.1140, 21.5735,
11.9666

Harmonies

Analogous

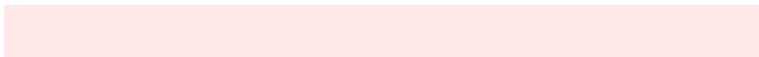
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.7730, 84.6407, 99.3488



84.5815, 84.6407, 93.5407



84.2670, 84.6407, 87.6070

Triad

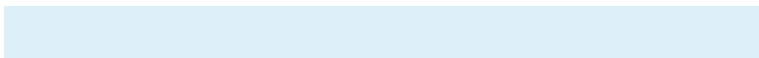
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.5815, 84.6407, 93.5407



78.8428, 84.6407, 81.8057



78.0254, 84.6407, 101.8750

Complementary

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



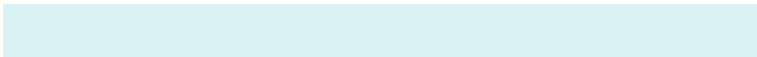
84.5815, 84.6407, 93.5407



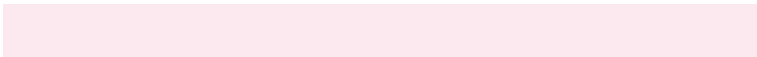
84.5738, 93.3714, 99.9558

Split Complementary

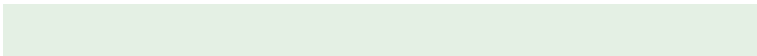
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.7470, 84.6407, 96.8667



84.5815, 84.6407, 93.5407



77.2131, 84.6407, 85.3254

Square

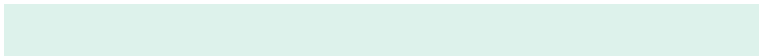
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



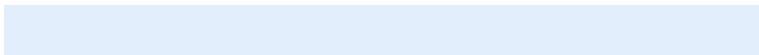
84.5815, 84.6407, 93.5407



80.9293, 84.6407, 81.0028



76.4523, 84.6407, 90.7916



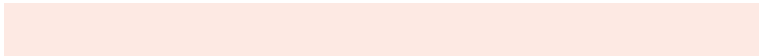
79.9695, 84.6407, 104.2959

Rectangle

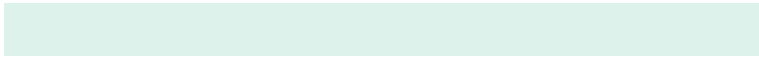
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



84.5815, 84.6407, 93.5407



83.4655, 84.6407, 84.3575



76.4523, 84.6407, 90.7916



77.5050, 84.6407, 100.4279

Sweetspot

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



84.5839, 84.6444, 93.5425



92.9152, 96.5774, 105.5775



84.0864, 84.1580, 103.9089



19.9101, 20.7074, 22.6328



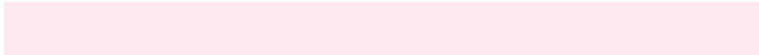
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

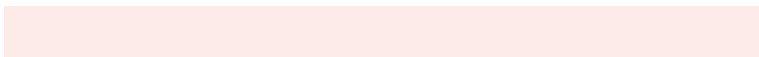
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.5839, 84.6444, 93.5425



84.8925, 83.7736, 92.9095



84.4216, 85.9419, 88.4874



17.4953, 17.3255, 19.1982



21.8958, 11.1741, 6.1599



2.0760, 1.0541, 0.8237

Inverse Universe

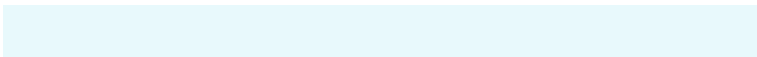
The Inverse Universe completely reimagines the original color for something new.



84.5839, 84.6444, 93.5425



84.8925, 83.7736, 92.9095



84.7279, 91.9378, 105.3767



17.4953, 17.3255, 19.1982



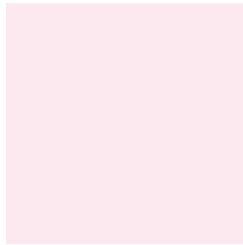
21.8958, 11.1741, 6.1599



2.0760, 1.0541, 0.8237

Previews

White Background



This preview shows how the XYZ color 84.5815, 84.6407, 93.5407 looks on a white background.

Color Contrast Check

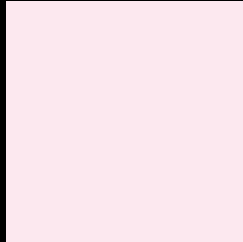
Large Text (above 18pt) WCAG AA × Fail

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 84.5815, 84.6407, 93.5407 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

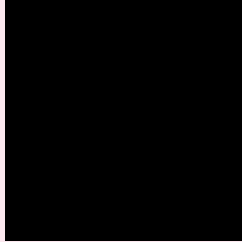
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 84.5815, 84.6407, 93.5407

Background



This preview shows how black text looks on a background with the XYZ color 84.5815, 84.6407, 93.5407.



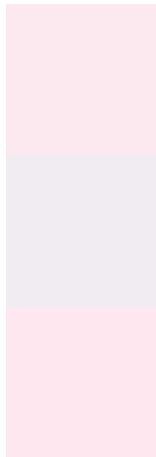
This preview shows how white text looks on a background with the XYZ color 84.5815, 84.6407,

93.5407.

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

84.5815, 84.6407, 93.5407

Protanopia

81.8078, 84.8670, 95.2883

Deuteranopia

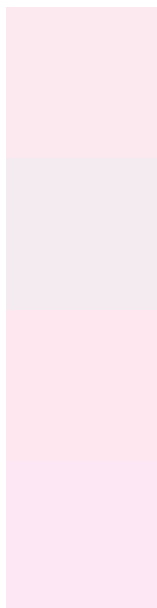
85.3959, 84.6438, 93.4984



Tritanopia

85.9037, 84.3158, 101.3695

Trichromacy



Original Color

84.5815, 84.6407, 93.5407

Protanomaly

82.7447, 84.9410, 94.4722

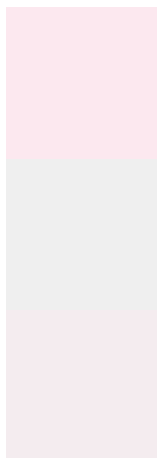
Deuteranomaly

85.0290, 84.4547, 93.4812

Tritanomaly

85.5654, 84.6270, 98.2111

Monochromacy



Original Color

84.5815, 84.6407, 93.5407

Achromatopsia

82.0431, 86.3157, 93.9978

Achromatomaly

82.8837, 85.4560, 93.7876

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.5815, 84.6407, 93.5407 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, 232, 239) looks like.

```
.text, #text, p{  
    color:rgb(252, 232, 239)  
}
```

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, 232, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 232, 239) }
```

Border

The CSS property to change the border of an element to XYZ 84.5815, 84.6407, 93.5407 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, 232, 239) }
```


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

```
.border{ border-color:rgb(252, 232, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 232, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 232, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 232, 239);  
box-shadow:4px 4px 4px 4px rgb(252, 232,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 84.5815, 84.6407, 93.5407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 232, 239) }
```

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

```
.background{ background-color: rgb(252,  
232, 239) }
```

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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