

Converting Colors

XYZ(85.3999, 84.1732, 94.9752)

Have a look what the booklet for
XYZ(85.3999, 84.1732, 94.9752)
contains.

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Color

**XYZ(85.4140, 84.2045,
94.9704)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE6F1
RGB	255, 230, 241
RGB Percent	100%, 90%, 95%
CMY	0.0000, 0.0980, 0.0549
CMYK	0.00, 0.10, 0.05, 0.00
HSL	334°, 100%, 95%
HSV	334°, 10%, 100%
XYZ	85.4140, 84.2045, 94.9704
YIQ	238.7290, 11.3690, 8.7210

Conversions

Conversions Part 2

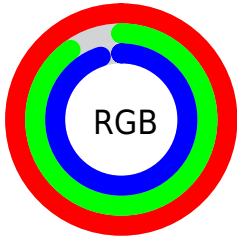
Format	Color
R_{YB}	255, 230, 241
Decimal	16770801
CIE Lab	93.54, 10.35, -2.23
CIE LCh	94, 10.589, 347.843
Yxy	84.2045, 0.3228, 0.3182
Android (android.graphics.Color)	4294960881 (0xFFFE6F1)
YUV	238.7290, 1.1196, 14.2697
Hunter-Lab	91.7630, 5.5645, 2.8717

Details

The XYZ color **85.4140, 84.2045, 94.9704** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **84.7248, 94.8759, 99.4389**, and the grayscale version is **81.8205, 86.0815, 93.7428**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.1817, 45.7807, 52.2487** is the 20% darker color. If you saturate the color by 10%, you get **76.7798, 70.2172, 81.9770**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

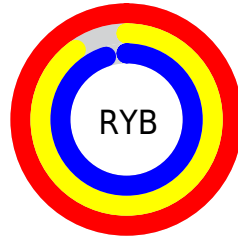
Distribution



Red (100%)

Green (90%)

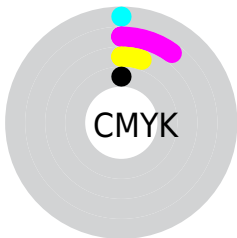
Blue (95%)



Red (100%)

Yellow (90%)

Blue (95%)

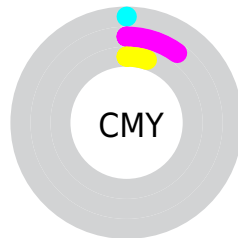


Cyan (0%)

Magenta (10%)

Yellow (5%)

Black (0%)



Cyan (0%)

Magenta (10%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 85.4140, 84.2045, 94.9704 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 85.4140, 84.2045, 94.9704 by changing the saturation by 10% instead.

85.4140, 84.2045,
94.9704

85.4140, 84.2045,
94.9704

501.4600,
508.9921, 565.0521

64.5072, 63.1843,
71.5136

139.8625,
139.2612, 156.2189

47.3248, 45.9903,
52.2770

174.1349,
174.0665, 194.8477

33.5015, 32.2382,
36.8422

213.5931,
214.2356, 239.3710

22.6720, 21.5435,
24.7905

258.6026,
260.1529, 290.2071

14.4708, 13.5218,
15.7034

309.5287,
312.2028, 347.7748

8.5328, 7.7889,
9.1625

366.7367,

4.4923, 3.9601,

370.7697, 412.4925

4.7490

430.5920,
436.2380, 484.7788

■ 1.9843, 1.6513,
2.0446

■ 0.6251, 0.3918,
0.5825

■ 85.4140, 84.2045,
94.9704

■ 85.4140, 84.2045,
94.9704

■ 76.7798, 70.2172,
81.9770

95.0500, 100.0000,
108.9000

■ 69.3003, 58.2782,
70.1737

■ 62.9253, 48.2929,
59.5255

■ 57.5985, 40.1553,
49.9934

■ 53.2585, 33.7494,
41.5357

■ 49.8368, 28.9456,
34.1077

■ 47.2559, 25.5961,
27.6605

■ 45.4238, 23.5248,
22.1390

■ 44.1961, 22.4512,
17.4696

Harmonies

Analogous

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



84.0923, 84.2045, 102.4289



85.4140, 84.2045, 94.9704



85.2697, 84.2045, 87.0398

Triad

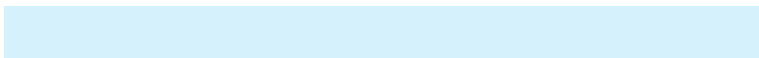
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.4140, 84.2045, 94.9704



78.3952, 84.2045, 77.7744



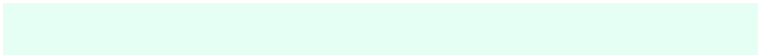
76.4740, 84.2045, 103.5980

Complementary

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



85.4140, 84.2045, 94.9704



84.7248, 94.8759, 99.4389

Split Complementary

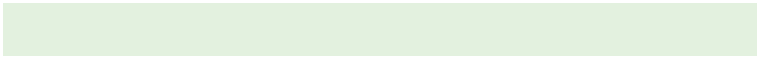
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.0169, 84.2045, 96.4913



85.4140, 84.2045, 94.9704



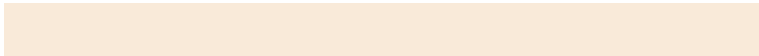
76.1081, 84.2045, 81.7188

Square

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



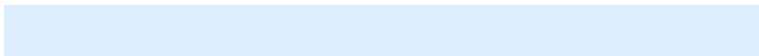
85.4140, 84.2045, 94.9704



81.1732, 84.2045, 77.4201



74.8845, 84.2045, 88.4751



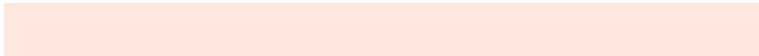
78.9053, 84.2045, 107.6012

Rectangle

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



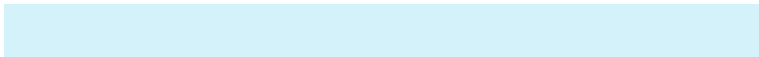
85.4140, 84.2045, 94.9704



84.3618, 84.2045, 82.5451



74.8845, 84.2045, 88.4751



75.8565, 84.2045, 101.4745

Sweetspot

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



85.4159, 84.2079, 94.9722



91.9757, 94.9429, 104.5100



83.5709, 83.0058, 106.2248



19.5147, 20.0396, 22.1224



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

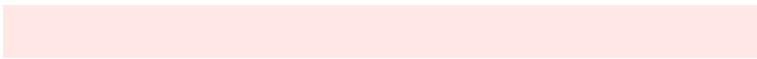
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.4159, 84.2079, 94.9722



83.4156, 80.9515, 92.0113



84.1713, 84.2686, 86.6965



18.3413, 18.1198, 20.4146



23.1544, 11.7510, 9.4634



2.3083, 1.1657, 1.2048

Inverse Universe

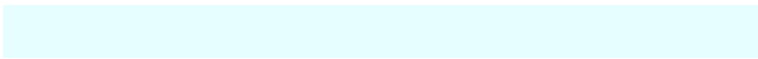
The Inverse Universe completely reimagines the original color for something new.



85.4159, 84.2079, 94.9722



83.4156, 80.9515, 92.0113



86.0477, 94.7692, 108.3648



18.3413, 18.1198, 20.4146



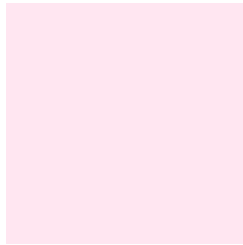
23.1544, 11.7510, 9.4634



2.3083, 1.1657, 1.2048

Previews

White Background



This preview shows how the XYZ color 85.4140, 84.2045, 94.9704 looks on a white background.

Color Contrast Check

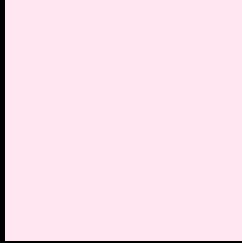
Large Text (above 18pt) WCAG AA × Fail

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 85.4140, 84.2045, 94.9704 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

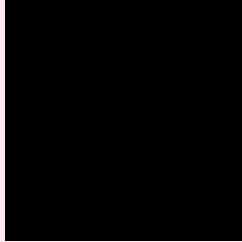
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 85.4140, 84.2045, 94.9704

Background



This preview shows how black text looks on a background with the XYZ color 85.4140, 84.2045, 94.9704.

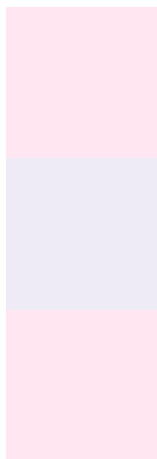


This preview shows how white text looks on a background with the XYZ color 85.4140, 84.2045,

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

85.4140, 84.2045, 94.9704

Protanopia

81.2974, 84.1255, 97.5410

Deuteranopia

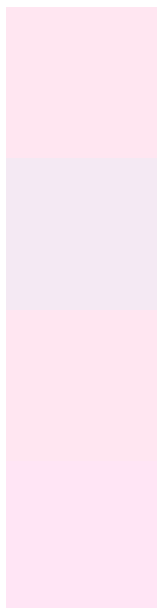
85.4140, 84.2045, 94.9704



Tritanopia

86.0478, 84.0140, 99.6768

Trichromacy



Original Color

85.4140, 84.2045, 94.9704

Protanomaly

82.6248, 83.9820, 96.6494

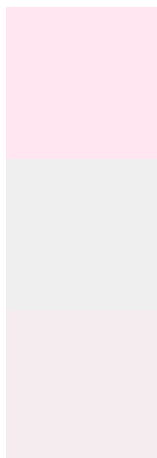
Deuteranomaly

85.4140, 84.2045, 94.9704

Tritanomaly

85.7407, 83.8912, 98.0598

Monochromacy



Original Color

85.4140, 84.2045, 94.9704

Achromatopsia

82.0431, 86.3157, 93.9978

Achromatomaly

83.3798, 85.6947, 94.5842

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.4140, 84.2045, 94.9704 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, 230, 241)` looks like.

```
.text, #text, p{  
    color:rgb(255, 230, 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, 230, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 230, 241) }
```

Border

The CSS property to change the border of an element to XYZ 85.4140, 84.2045, 94.9704 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, 230, 241) }
```


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

```
.border{ border-color:rgb(255, 230, 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, 230, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 230, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 230, 241);  
box-shadow:4px 4px 4px 4px rgb(255, 230,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 85.4140, 84.2045, 94.9704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 230, 241) }
```

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

```
.background{ background-color: rgb(255,  
230, 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](#).

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