

Converting Colors

XYZ(85.4508, 84.0095,
104.6402)

Have a look what the booklet for
XYZ(85.4508, 84.0095, 104.6402)
contains.

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Color

**XYZ(85.4508, 84.0095,
104.6402)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FAE6FD |
| RGB | 250, 230, 253 |
| RGB Percent | 98%, 90%, 99% |
| CMY | 0.0196, 0.0980, 0.0078 |
| CMYK | 0.01, 0.09, 0.00, 0.01 |
| HSL | 292°, 85%, 95% |
| HSV | 292°, 9%, 99% |
| XYZ | 85.4508, 84.0095, 104.6402 |
| YIQ | 238.6020, 4.5370, 11.3930 |

Conversions

Conversions Part 2

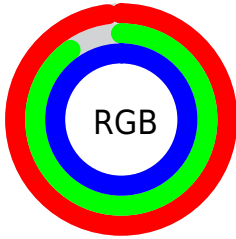
| Format | Color |
|-------------------------------------|-----------------------------|
| R _Y B | 250, 230, 253 |
| Decimal | 16443133 |
| CIE Lab | 93.45, 10.79, -8.65 |
| CIE LCh | 93, 13.827, 321.261 |
| Yxy | 84.0095, 0.3117, 0.3065 |
| Android (android.graphics.Color) | 4294633213 (0xFFFAE6FD) |
| YUV | 238.6020, 7.0982, 9.9960 |
| Hunter-Lab | 91.6567, 6.0149, -3.5290 |

Details

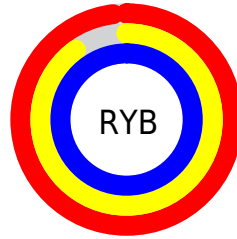
The XYZ color **85.4508, 84.0095, 104.6402** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **83.0156, 93.2896, 88.4985**, and the grayscale version is **81.6810, 85.9348, 93.5830**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.0922, 45.5951, 58.5433** is the 20% darker color. If you saturate the color by 10%, you get **77.7434, 70.3338, 102.4080**, and if you desaturate by 10%, it is **94.1079, 99.5513, 107.1851**.

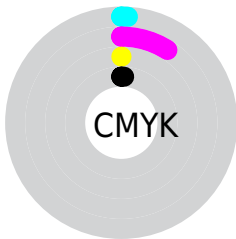
Distribution



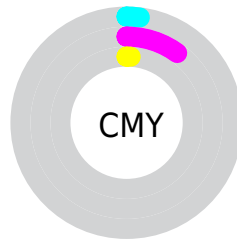
- Red (98%)
- Green (90%)
- Blue (99%)



- Red (98%)
- Yellow (90%)
- Blue (99%)



- Cyan (1%)
- Magenta (9%)
- Yellow (0%)
- Black (1%)





- Cyan (2%)
- Magenta (10%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 85.4508, 84.0095, 104.6402 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 85.4508, 84.0095, 104.6402 by changing the saturation by 10% instead.


 85.4508, 84.0095,
104.6402

 85.4508, 84.0095,
104.6402

501.5798,
508.3448, 596.3426

 64.5377, 63.0233,
79.5430

139.9136,
138.9885, 169.6267

 47.3496, 45.8600,
58.8184


174.1940,
173.7500, 210.3530

 33.5212, 32.1354,
42.0479

213.6609,
213.8721, 257.1262

 22.6872, 21.4649,
28.8129

258.6796,
259.7391, 310.3646

 14.4821, 13.4643,
18.6950

309.6155,
311.7355, 370.4870

 8.5407, 7.7490,
11.2755

366.8339,

 4.4975, 3.9348,

370.2457, 437.9117

6.1360

430.7002,
435.6540, 513.0574

■ 1.9873, 1.6371,
2.8578

■ 0.6268, 0.3824,
1.0225

■ 85.4508, 84.0095,
104.6402

■ 85.4508, 84.0095,
104.6402

■ 77.7434, 70.3338,
102.4080

94.1079, 99.5513,
107.1851

■ 71.0321, 58.6211,
100.5009

94.7299, 99.8719,
107.2142

■ 65.2722, 48.7808,
98.9052

■ 60.4129, 40.7114,
97.6037

■ 56.3983, 34.3011,
96.5780

■ 53.1661, 29.4259,
95.8074

■ 50.6454, 25.9440,
95.2681

■ 48.7521, 23.6871,
94.9323

■ 47.3605, 22.4043,
94.7580

Harmonies

Analogous

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



82.4214, 84.0095, 111.5190



85.4508, 84.0095, 104.6402



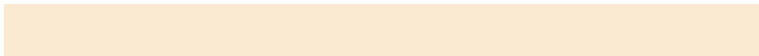
86.9907, 84.0095, 94.5612

Triad

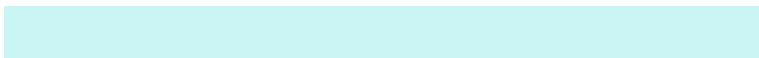
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.4508, 84.0095, 104.6402



80.9200, 84.0095, 73.0032



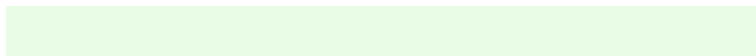
73.4827, 84.0095, 98.9584

Complementary

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



85.4508, 84.0095, 104.6402



83.0156, 93.2896, 88.4985

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.



73.1084, 84.0095, 88.4509



85.4508, 84.0095, 104.6402



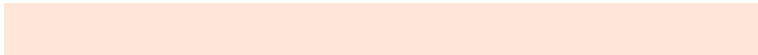
77.3297, 84.0095, 73.9842

Square

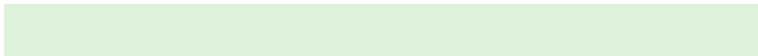
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.4508, 84.0095, 104.6402



84.3230, 84.0095, 76.6680



74.4966, 84.0095, 79.4578



75.5352, 84.0095, 108.0687

Rectangle

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



85.4508, 84.0095, 104.6402



86.9339, 84.0095, 87.6017



74.4966, 84.0095, 79.4578



73.1590, 84.0095, 95.4548

Sweetspot

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



85.4533, 84.0131, 104.6420



92.2917, 95.0270, 108.0855



79.5241, 82.2344, 104.6112



19.6000, 20.0622, 23.0893



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.



85.4533, 84.0131, 104.6420



85.4120, 82.7034, 106.0694



85.2228, 84.0461, 97.7730



18.5458, 18.1731, 22.7802



25.2208, 11.9123, 50.4046



2.5177, 1.1919, 4.9106

Inverse Universe

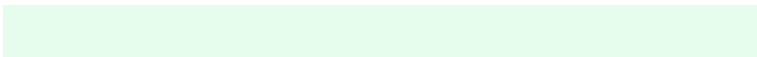
The Inverse Universe completely reimagines the original color for something new.



83.5158, 83.3633, 88.7839



83.0640, 81.9183, 86.7460



83.2577, 93.2742, 94.8420



18.1058, 18.0256, 19.1743



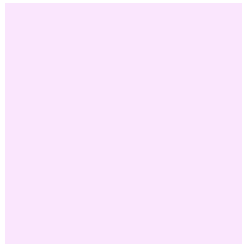
21.7237, 11.1788, 1.9295



2.1437, 1.0998, 0.3381

Previews

White Background



This preview shows how the XYZ color 85.4508, 84.0095, 104.6402 looks on a white background.

Color Contrast Check

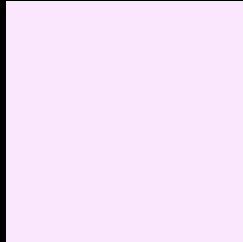
Large Text (above 18pt) WCAG AA × Fail

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 85.4508, 84.0095, 104.6402 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

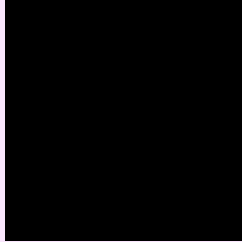
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 85.4508, 84.0095, 104.6402

Background



This preview shows how black text looks on a background with the XYZ color 85.4508, 84.0095, 104.6402.



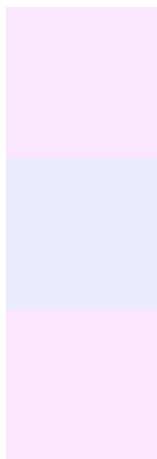
This preview shows how white text looks on a background with the XYZ color 85.4508, 84.0095,

104.6402.

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

85.4508, 84.0095, 104.6402

Protanopia

82.0193, 84.2988, 106.5562

Deuteranopia

85.8938, 83.8259, 104.5814



Tritanopia

84.7417, 84.1311, 101.3951

Trichromacy



Original Color

85.4508, 84.0095, 104.6402

Protanomaly

82.9635, 83.9588, 105.5990

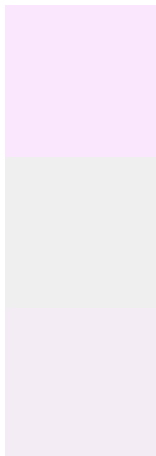
Deuteranomaly

85.5326, 83.6397, 104.5645

Tritanomaly

84.8982, 84.1937, 102.2189

Monochromacy



Original Color

85.4508, 84.0095, 104.6402

Achromatopsia

82.0431, 86.3157, 93.9978

Achromatomaly

83.2867, 85.5772, 97.7163

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.4508, 84.0095, 104.6402 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, 230, 253)` looks like.

```
.text, #text, p{  
    color:rgb(250, 230, 253)  
}
```

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, 230, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 230, 253) }
```

Border

The CSS property to change the border of an element to XYZ 85.4508, 84.0095, 104.6402 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, 230, 253) }
```


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

```
.border{ border-color:rgb(250, 230, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 230, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 230, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 230, 253);  
box-shadow:4px 4px 4px 4px rgb(250, 230,  
253) }
```

Background

The CSS property to change the background color of an element to XYZ 85.4508, 84.0095, 104.6402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 230, 253) }
```

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

```
.background{ background-color: rgb(250,  
230, 253) }
```

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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