

Converting Colors

XYZ(86.9665, 84.3013, 97.2665)

Have a look what the booklet for
XYZ(86.9665, 84.3013, 97.2665)
contains.

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Color

**XYZ(85.3125, 83.2785,
97.1658)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE4F4
RGB	255, 228, 244
RGB Percent	100%, 89%, 96%
CMY	0.0000, 0.1059, 0.0431
CMYK	0.00, 0.11, 0.04, 0.00
HSL	324°, 100%, 95%
HSV	324°, 11%, 100%
XYZ	85.3125, 83.2785, 97.1658
YIQ	237.8970, 10.9560, 10.7000

Conversions

Conversions Part 2

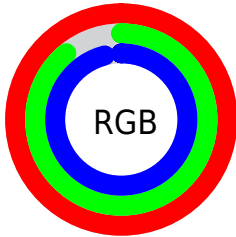
Format	Color
R_{YB}	255, 228, 244
Decimal	16770292
CIE _{Lab}	93.14, 11.90, -4.39
CIE _{LCh}	93, 12.680, 339.763
Yxy	83.2785, 0.3210, 0.3134
Android (android.graphics.Color)	4294960372 (0xFFFFE4F4)
YUV	237.8970, 3.0088, 14.9993
Hunter-Lab	91.2571, 7.1725, 0.7510

Details

The XYZ color **85.3125, 83.2785, 97.1658** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **83.3375, 94.2472, 95.4641**, and the grayscale version is **81.1616, 85.3884, 92.9879**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.3094, 45.5237, 53.8704** is the 20% darker color. If you saturate the color by 10%, you get **77.2750, 69.6572, 86.9220**, and if you desaturate by 10%, it is **94.4774, 99.0114, 108.2264**.

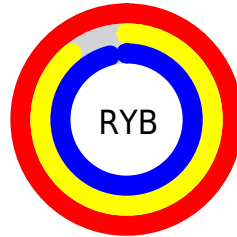
Distribution



Red (100%)

Green (89%)

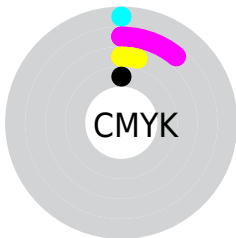
Blue (96%)



Red (100%)

Yellow (89%)

Blue (96%)

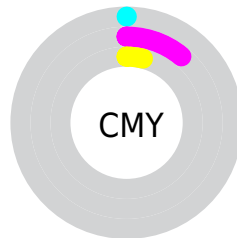


Cyan (0%)

Magenta (11%)

Yellow (4%)

Black (0%)



Cyan (0%)


Magenta (11%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 85.3125, 83.2785, 97.1658 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 85.3125, 83.2785, 97.1658 by changing the saturation by 10% instead.


 85.3125, 83.2785,
97.1658

 85.3125, 83.2785,
97.1658


501.1297,
505.9142, 572.2361

 64.4230, 62.4199,
73.3321


139.7215,
137.9655, 159.2746

 47.2563, 45.3721,
53.7541


173.9717,
172.5626, 198.3867

 33.4471, 31.7506,
38.0132


213.4061,
212.5081, 243.4288

 22.6301, 21.1711,
25.6910

258.3901,
258.1863, 294.8192

 14.4398, 13.2491,
16.3690

309.2892,
309.9816, 352.9766

 8.5109, 7.6003,
9.6284

366.4685,

 4.4781, 3.8403,

368.2785, 418.3195

5.0509

430.2936,
433.4612, 491.2665

■ 1.9760, 1.5846,
2.2179

■ 0.6204, 0.3472,
0.6847

■ 85.3125, 83.2785,
97.1658

■ 85.3125, 83.2785,
97.1658

■ 77.2750, 69.6572,
86.9220

94.4774, 99.0114,
108.2264

■ 70.3126, 58.0464,
77.4671

95.0500, 100.0000,
108.9000

■ 64.3771, 48.3520,
68.7788

■ 59.4147, 40.4685,
60.8316

■ 55.3661, 34.2798,
53.5980

■ 52.1651, 29.6564,
47.0481

■ 49.7363, 26.4499,
41.1483

■ 47.9894, 24.4826,
35.8602

■ 46.8342, 23.4977,
31.3884

Harmonies

Analogous

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



83.3187, 83.2785, 105.5097



85.3125, 83.2785, 97.1658



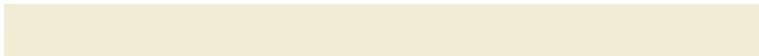
85.6308, 83.2785, 87.6029

Triad

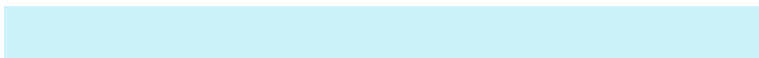
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.3125, 83.2785, 97.1658



78.0732, 83.2785, 73.7836



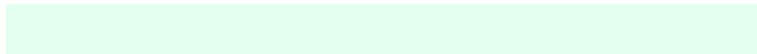
74.3348, 83.2785, 102.9137

Complementary

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



85.3125, 83.2785, 97.1658



83.3375, 94.2472, 95.4641

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.



73.0118, 83.2785, 93.8204



85.3125, 83.2785, 97.1658



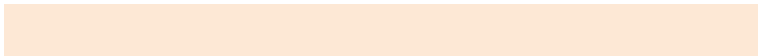
75.1299, 83.2785, 77.3024

Square

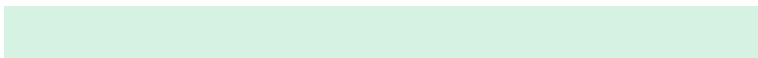
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



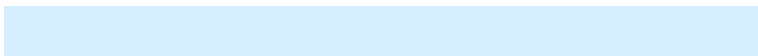
85.3125, 83.2785, 97.1658



81.3884, 83.2785, 74.5411



73.2987, 83.2785, 84.4821



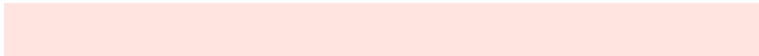
76.9603, 83.2785, 108.9862

Rectangle

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



85.3125, 83.2785, 97.1658



84.8411, 83.2785, 81.8772



73.2987, 83.2785, 84.4821



73.7264, 83.2785, 100.0839

Sweetspot

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



85.3144, 83.2819, 97.1676



92.1601, 95.0167, 105.4810



81.3254, 81.0267, 105.9612



19.5645, 20.0595, 22.3844



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.



85.3144, 83.2819, 97.1676



83.2724, 79.8033, 94.6205



83.3673, 82.5030, 86.9141



18.4611, 18.1678, 21.0453



24.5478, 12.3084, 16.8012



2.4444, 1.2201, 1.9214

Inverse Universe

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



85.3144, 83.2819, 97.1676



83.2724, 79.8033, 94.6205



85.3752, 95.0623, 106.1945



18.4611, 18.1678, 21.0453



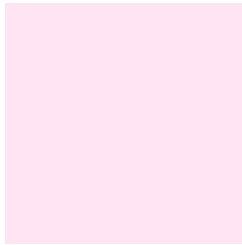
24.5478, 12.3084, 16.8012



2.4444, 1.2201, 1.9214

Previews

White Background



This preview shows how the XYZ color 85.3125, 83.2785, 97.1658 looks on a white background.

Color Contrast Check

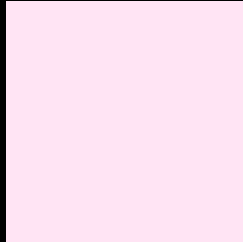
Large Text (above 18pt) WCAG AA × Fail

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 85.3125, 83.2785, 97.1658 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

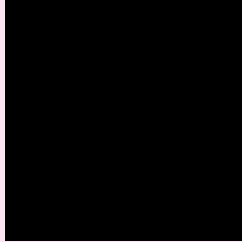
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 85.3125, 83.2785, 97.1658

Background



This preview shows how black text looks on a background with the XYZ color 85.3125, 83.2785, 97.1658.



This preview shows how white text looks on a background with the XYZ color 85.3125, 83.2785,

97.1658.

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

85.3125, 83.2785, 97.1658

Protanopia

80.9582, 83.4558, 100.6486

Deuteranopia

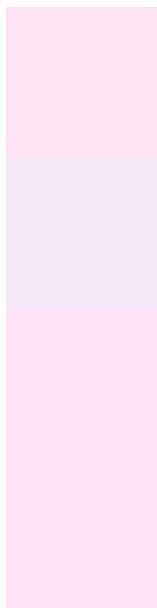
84.9456, 83.0893, 97.1487



Tritanopia

85.4648, 83.3394, 97.9678

Trichromacy



Original Color

85.3125, 83.2785, 97.1658

Protanomaly

82.6073, 83.4833, 99.7557

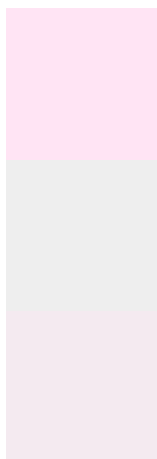
Deuteranomaly

84.9456, 83.0893, 97.1487

Tritanomaly

85.4648, 83.3394, 97.9678

Monochromacy



Original Color

85.3125, 83.2785, 97.1658

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

82.4592, 84.3700, 94.3770

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.3125, 83.2785, 97.1658 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, 228, 244)` looks like.

```
.text, #text, p{  
    color:rgb(255, 228, 244)  
}
```

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, 228, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 228, 244) }
```

Border

The CSS property to change the border of an element to XYZ 85.3125, 83.2785, 97.1658 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, 228, 244) }
```


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

```
.border{ border-color:rgb(255, 228, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 228, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 228, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 228, 244);  
box-shadow:4px 4px 4px 4px rgb(255, 228,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 85.3125, 83.2785, 97.1658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 228, 244) }
```

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

```
.background{ background-color: rgb(255,  
228, 244) }
```

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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