

Converting Colors

XYZ(66.9127, 65.0678, 55.7844)

Have a look what the booklet for
XYZ(66.9127, 65.0678, 55.7844)
contains.

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Color

**XYZ(66.9435, 65.1770,
56.0658)**

Conversions

Conversions Part 1

Format	Color
Hex	F2CBBB
RGB	242, 203, 187
RGB Percent	95%, 80%, 73%
CMY	0.0510, 0.2039, 0.2667
CMYK	0.00, 0.16, 0.23, 0.05
HSL	17°, 68%, 84%
HSV	17°, 23%, 95%
XYZ	66.9435, 65.1770, 56.0658
YIQ	212.8370, 28.3800, 3.2920

Conversions

Conversions Part 2

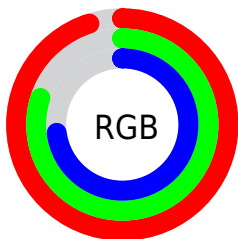
Format	Color
R _Y B	242, 210, 187
Decimal	15911867
CIE Lab	84.57, 11.35, 13.10
CIE LCh	85, 17.335, 49.095
Yxy	65.1770, 0.3557, 0.3463
Android (android.graphics.Color)	4294101947 (0xFFFF2CBBB)
YUV	212.8370, -12.7376, 25.5760
Hunter-Lab	80.7323, 6.7314, 15.3377

Details

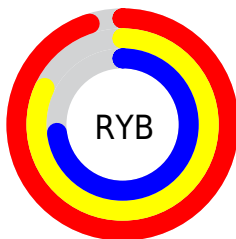
The XYZ color **66.9435, 65.1770, 56.0658** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **63.7162, 71.3662, 94.4215**, and the grayscale version is **63.2075, 66.4992, 72.4177**.

A 20% lighter version of the original color is **93.1777, 99.2511, 99.0404**, and **35.0581, 33.5304, 27.1785** is the 20% darker color. If you saturate the color by 10%, you get **60.7381, 56.5684, 42.2747**, and if you desaturate by 10%, it is **74.0375, 74.8631, 72.3084**.

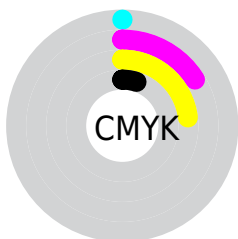
Distribution



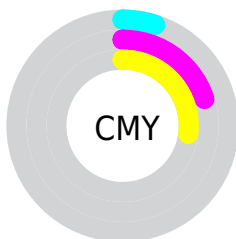
- Red (95%)
- Green (80%)
- Blue (73%)



- Red (95%)
- Yellow (82%)
- Blue (73%)



- Cyan (0%)
- Magenta (16%)
- Yellow (23%)
- Black (5%)




- Cyan (5%)
- Magenta (20%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.9435, 65.1770, 56.0658 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 66.9435, 65.1770, 56.0658 by changing the saturation by 10% instead.


 66.9435, 65.1770,
56.0658

 66.9435, 65.1770,
56.0658


439.1793,
443.4278, 427.3347

 49.3092, 47.6046,
39.8513

 113.8897,
112.3043, 100.5875

 35.0804, 33.5139,
27.1097

143.9323,
142.6280, 129.7319

 23.8916, 22.5204,
17.4225


178.8418,
177.9709, 164.0233

 15.3775, 14.2398,
10.3710

218.9835,
218.7175, 203.8802

 9.1728, 8.2876,
5.5368

264.7227,
265.2520, 249.7213

 4.9121, 4.2795,
2.5014

316.4249,

 2.2300, 1.8311,

317.9590, 301.9651

0.8409

374.4553,
377.2228, 361.0300

■ 0.7585, 0.5065,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 66.9435, 65.1770,
56.0658

■ 66.9435, 65.1770,
56.0658

■ 60.7381, 56.5684,
42.2747

■ 74.0375, 74.8631,
72.3084

■ 55.3796, 48.9906,
30.8110

■ 82.0490, 85.6536,
91.1102

■ 50.8307, 42.4064,
21.5458

■ 90.2623, 97.2858,
108.6284

■ 47.0491, 36.7729,
14.3360

■ 90.4281, 97.6173,
108.6837

■ 43.9881, 32.0438,
9.0211

■ 41.5953, 28.1687,
5.4167

■ 39.8097, 25.0911,
3.3002

■ 38.8347, 23.3106,
2.4526

Harmonies

Analogous

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



69.2400, 65.1770, 64.2295



66.9435, 65.1770, 56.0658



63.3654, 65.1770, 52.0523

Triad

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



66.9435, 65.1770, 56.0658



54.9343, 65.1770, 67.0159



64.4118, 65.1770, 93.0385

Complementary

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



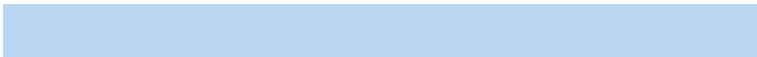
66.9435, 65.1770, 56.0658



63.7162, 71.3662, 94.4215

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.



60.5535, 65.1770, 93.9840



66.9435, 65.1770, 56.0658



55.1882, 65.1770, 78.1592

Square

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



66.9435, 65.1770, 56.0658



56.5002, 65.1770, 57.9226



57.2089, 65.1770, 88.2982



67.7369, 65.1770, 85.8353

Rectangle

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



66.9435, 65.1770, 56.0658



60.7815, 65.1770, 51.9573



57.2089, 65.1770, 88.2982



63.1309, 65.1770, 94.1249

Sweetspot

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



66.9452, 65.1800, 56.0672



88.4027, 91.0926, 93.1590



68.1735, 59.9325, 80.2271



18.8044, 19.3395, 19.6640



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.



66.9452, 65.1800, 56.0672



72.2348, 69.0434, 56.0575



73.9081, 79.1056, 58.3881



16.1475, 16.5082, 16.4850



20.9641, 12.7263, 1.3515



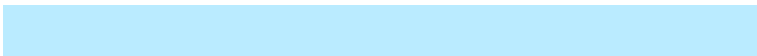
1.8266, 1.2239, 0.1400

Inverse Universe

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



63.7162, 71.3662, 94.4215



68.0344, 77.0744, 105.8988



56.9255, 57.7849, 92.1580



15.8362, 17.1066, 20.1889



16.6155, 19.4552, 48.0074



1.4675, 1.7890, 4.0222

Previews

White Background



This preview shows how the XYZ color 66.9435, 65.1770, 56.0658 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 66.9435, 65.1770, 56.0658 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

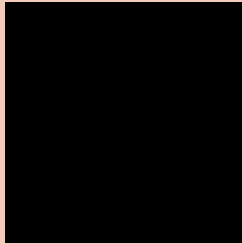
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.9435, 65.1770, 56.0658

Background



This preview shows how black text looks on a background with the XYZ color 66.9435, 65.1770, 56.0658.



This preview shows how white text looks on a background with the XYZ color 66.9435, 65.1770,

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

66.9435, 65.1770, 56.0658

Protanopia

62.2134, 65.5658, 58.6667

Deuteranopia

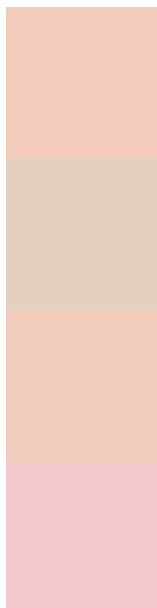
66.8381, 65.4744, 56.1288



Tritanopia

70.2172, 65.1144, 72.4858

Trichromacy



Original Color

66.9435, 65.1770, 56.0658

Protanomaly

63.8450, 65.3234, 57.9589

Deuteranomaly

66.8381, 65.4744, 56.1288

Tritanomaly

68.8616, 64.9013, 66.0245

Monochromacy



Original Color

66.9435, 65.1770, 56.0658

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

64.4400, 65.8079, 66.4326

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.9435, 65.1770, 56.0658 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(242, 203, 187)` looks like.

```
.text, #text, p{  
    color:rgb(242, 203, 187)  
}
```

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(242, 203, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 203, 187) }
```

Border

The CSS property to change the border of an element to XYZ 66.9435, 65.1770, 56.0658 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(242, 203, 187) }
```


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

```
.border{ border-color:rgb(242, 203, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 203, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 203, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 203, 187);  
box-shadow:4px 4px 4px 4px rgb(242, 203,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 66.9435, 65.1770, 56.0658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 203, 187) }
```

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

```
.background{ background-color: rgb(242,  
203, 187) }
```

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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