

Converting Colors

XYZ(66.1540, 64.7823, 55.4719)

Have a look what the booklet for
XYZ(66.1540, 64.7823, 55.4719)
contains.

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Color

**XYZ(66.1540, 64.7823,
55.4719)**

Conversions

Conversions Part 1

Format	Color
Hex	F0CBBA
RGB	240, 203, 186
RGB Percent	94%, 80%, 73%
CMY	0.0588, 0.2039, 0.2706
CMYK	0.00, 0.15, 0.22, 0.06
HSL	19°, 64%, 84%
HSV	19°, 22%, 94%
XYZ	66.1540, 64.7823, 55.4719
YIQ	212.1250, 27.5090, 2.5570

Conversions

Conversions Part 2

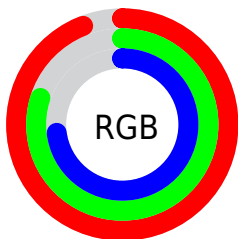
Format	Color
R _Y B	240, 211, 186
Decimal	15780794
CIE Lab	84.37, 10.47, 13.32
CIE LCh	84, 16.943, 51.823
Yxy	64.7823, 0.3549, 0.3475
Android (android.graphics.Color)	4293970874 (0xFFFF0CBBA)
YUV	212.1250, -12.8796, 24.4464
Hunter-Lab	80.4875, 5.8591, 15.4786

Details

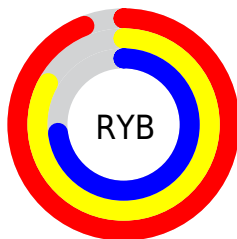
The XYZ color **66.1540, 64.7823, 55.4719** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **62.3649, 69.5038, 92.5669**, and the grayscale version is **62.7340, 66.0010, 71.8751**.

A 20% lighter version of the original color is **93.0270, 99.1908, 98.2471**, and **34.5095, 33.2556, 26.7904** is the 20% darker color. If you saturate the color by 10%, you get **60.1349, 56.4898, 41.9173**, and if you desaturate by 10%, it is **73.0170, 74.0758, 71.4234**.

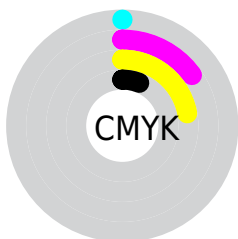
Distribution



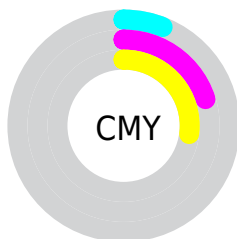
- Red (94%)
- Green (80%)
- Blue (73%)



- Red (94%)
- Yellow (83%)
- Blue (73%)



- Cyan (0%)
- Magenta (15%)
- Yellow (22%)
- Black (6%)





- Cyan (6%)
- Magenta (20%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.1540, 64.7823, 55.4719 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 66.1540, 64.7823, 55.4719 by changing the saturation by 10% instead.

 66.1540, 64.7823,
55.4719

 66.1540, 64.7823,
55.4719


436.4074,
442.0092, 425.0305

 48.6656, 47.2846,
39.3785


 112.7638,
111.7368, 99.7101

 34.5677, 33.2607,
26.7442

142.6160,
141.9624, 128.6920

 23.4950, 22.3262,
17.1505


177.3201,
177.1994, 162.8071

 15.0822, 14.0968,
10.1787

217.2415,
217.8322, 202.4741

 8.9638, 8.1880,
5.4105

262.7456,
264.2452, 248.1113

 4.7745, 4.2155,
2.4271

314.1977,

 2.1489, 1.7948,

316.8227, 300.1375

0.8012

371.9632,
375.9493, 358.9710

■ 0.7156, 0.4839,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 66.1540, 64.7823,
55.4719

■ 66.1540, 64.7823,
55.4719

■ 60.1349, 56.4898,
41.9173

■ 73.0170, 74.0758,
71.4234

■ 54.9203, 49.1553,
30.6386

■ 80.7508, 84.3939,
89.8767

■ 50.4753, 42.7456,
21.5104

■ 88.9004, 95.5755,
108.3701

■ 46.7602, 37.2222,
14.3932

■ 89.7453, 97.2653,
108.6517

■ 43.7311, 32.5435,
9.1311

■ 41.3391, 28.6641,
5.5445

■ 39.5268, 25.5336,
3.4175

■ 38.4907, 23.6361,
2.5335

Harmonies

Analogous

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



68.5363, 64.7823, 63.1121



66.1540, 64.7823, 55.4719



62.6082, 64.7823, 51.9530

Triad

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



66.1540, 64.7823, 55.4719



54.6871, 64.7823, 67.6311



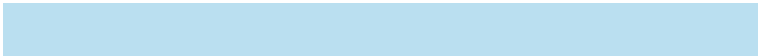
64.3022, 64.7823, 91.5708

Complementary

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



66.1540, 64.7823, 55.4719



62.3649, 69.5038, 92.5669

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.



60.5505, 64.7823, 93.0955



66.1540, 64.7823, 55.4719



55.0992, 64.7823, 78.5223

Square

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



66.1540, 64.7823, 55.4719



56.0602, 64.7823, 58.4908



57.2097, 64.7823, 88.1088



67.4372, 64.7823, 84.1328

Rectangle

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



66.1540, 64.7823, 55.4719



60.1033, 64.7823, 52.1399



57.2097, 64.7823, 88.1088



63.0678, 64.7823, 92.8203

Sweetspot

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



66.1557, 64.7852, 55.4732



88.5301, 91.3474, 93.2015



66.9221, 59.0148, 78.2432



18.8338, 19.3984, 19.6739



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.



66.1557, 64.7852, 55.4732



72.6336, 69.8410, 56.1905



72.8732, 78.2203, 57.7124



16.1790, 16.5710, 16.4955



21.1753, 13.1486, 1.4219



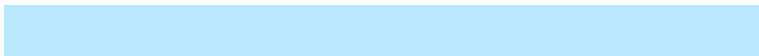
1.8474, 1.2655, 0.1469

Inverse Universe

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



62.3649, 69.5038, 92.5669



67.5654, 76.1364, 105.7425



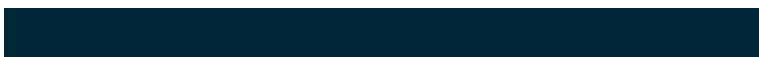
55.8995, 56.5729, 90.4118



15.8031, 17.0404, 20.1778



16.0431, 18.3104, 47.8166



1.4233, 1.7006, 4.0075

Previews

White Background



This preview shows how the XYZ color 66.1540, 64.7823, 55.4719 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 66.1540, 64.7823, 55.4719 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

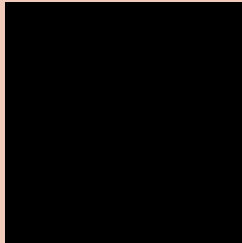
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.1540, 64.7823, 55.4719

Background



This preview shows how black text looks on a background with the XYZ color 66.1540, 64.7823, 55.4719.



This preview shows how white text looks on a background with the XYZ color 66.1540, 64.7823,

55.4719.

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

66.1540, 64.7823, 55.4719

Protanopia

61.5543, 64.8710, 57.9923

Deuteranopia

66.1540, 64.7823, 55.4719



Tritanopia

69.5232, 64.7566, 72.4533

Trichromacy



Original Color

66.1540, 64.7823, 55.4719

Protanomaly

63.1767, 64.6307, 57.2893

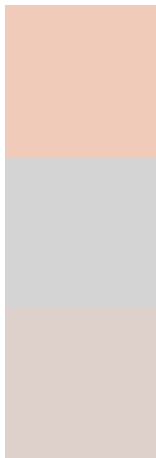
Deuteranomaly

66.1540, 64.7823, 55.4719

Tritanomaly

68.1713, 64.5454, 65.9922

Monochromacy



Original Color

66.1540, 64.7823, 55.4719

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

63.7042, 65.4423, 65.7740

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.1540, 64.7823, 55.4719 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(240, 203, 186) looks like.

```
.text, #text, p{  
    color:rgb(240, 203, 186)  
}
```

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(240, 203, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 203, 186) }
```

Border

The CSS property to change the border of an element to XYZ 66.1540, 64.7823, 55.4719 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(240, 203, 186) }
```


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

```
.border{ border-color:rgb(240, 203, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 203, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 203, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 203, 186);  
box-shadow:4px 4px 4px 4px rgb(240, 203,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 66.1540, 64.7823, 55.4719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 203, 186) }
```

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

```
.background{ background-color: rgb(240,  
203, 186) }
```

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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