

Converting Colors

XYZ(67.3384, 65.9064, 56.5738)

Have a look what the booklet for
XYZ(67.3384, 65.9064, 56.5738)
contains.

XYZ(67.5264, 66.1707, 56.7902)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(67.5264, 66.1707,
56.7902)**

Conversions

Conversions Part 1

Format	Color
Hex	F2CDBC
RGB	242, 205, 188
RGB Percent	95%, 80%, 74%
CMY	0.0510, 0.1961, 0.2627
CMYK	0.00, 0.15, 0.22, 0.05
HSL	19°, 68%, 84%
HSV	19°, 22%, 95%
XYZ	67.5264, 66.1707, 56.7902
YIQ	214.1250, 27.5090, 2.5570

Conversions

Conversions Part 2

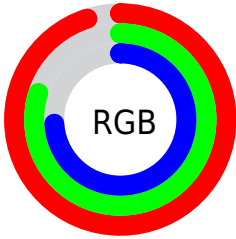
Format	Color
R _Y B	242, 213, 188
Decimal	15912380
CIE Lab	85.08, 10.45, 13.29
CIE LCh	85, 16.905, 51.833
Yxy	66.1707, 0.3545, 0.3474
Android (android.graphics.Color)	4294102460 (0xFFF2CDBC)
YUV	214.1250, -12.8796, 24.4464
Hunter-Lab	81.3454, 5.8220, 15.5492

Details

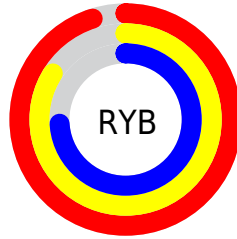
The XYZ color **67.5264, 66.1707, 56.7902** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **63.6908, 70.9509, 94.3430**, and the grayscale version is **64.0731, 67.4099, 73.4094**.

A 20% lighter version of the original color is **93.3291, 99.3117, 99.8380**, and **35.4474, 34.1968, 27.6540** is the 20% darker color. If you saturate the color by 10%, you get **61.3755, 57.6994, 42.9303**, and if you desaturate by 10%, it is **74.5386, 75.6636, 73.0968**.

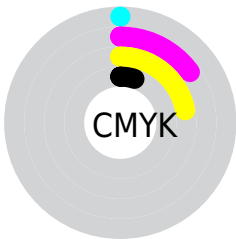
Distribution



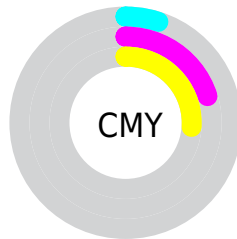
- Red (95%)
- Green (80%)
- Blue (74%)



- Red (95%)
- Yellow (84%)
- Blue (74%)



- Cyan (0%)
- Magenta (15%)
- Yellow (22%)
- Black (5%)





- Cyan (5%)
- Magenta (20%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.5264, 66.1707, 56.7902 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 67.5264, 66.1707, 56.7902 by changing the saturation by 10% instead.


 67.5264, 66.1707,
56.7902

 67.5264, 66.1707,
56.7902


441.2193,
446.9871, 430.1344

 49.7848, 48.4110,
40.4286


 114.7200,
113.7313, 101.6563

 35.4595, 34.1525,
27.5565


144.9027,
144.3010, 130.9978

 24.1852, 23.0108,
17.7555


179.9632,
179.9094, 165.5031

 15.5966, 14.6014,
10.6070

220.2668,
220.9410, 205.5907

 9.3282, 8.5402,
5.6924

266.1788,
267.7802, 251.6790

 5.0147, 4.4425,
2.5932

318.0647,

 2.2907, 1.9240,

320.8114, 304.1868

0.8889

376.2897,
380.4189, 363.5324

■ 0.7899, 0.5628,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 67.5264, 66.1707,
56.7902

■ 67.5264, 66.1707,
56.7902

■ 61.3755, 57.6994,
42.9303

■ 74.5386, 75.6636,
73.0968

■ 56.0458, 50.2058,
31.3939

■ 82.4395, 86.2020,
91.9569

■ 51.5017, 43.6562,
22.0531

■ 90.3467, 97.4544,
108.6565

■ 47.7027, 38.0111,
14.7658

■ 90.4282, 97.6174,
108.6837

■ 44.6042, 33.2283,
9.3732

■ 42.1562, 29.2615,
5.6926

■ 40.3005, 26.0593,
3.5043

■ 39.2168, 24.0746,
2.5799

Harmonies

Analogous

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



69.9365, 66.1707, 64.5293



67.5264, 66.1707, 56.7902



63.9389, 66.1707, 53.2244

Triad

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



67.5264, 66.1707, 56.7902



55.9216, 66.1707, 69.1112



65.6553, 66.1707, 93.3154

Complementary

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



67.5264, 66.1707, 56.7902



63.6908, 70.9509, 94.3430

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.



61.8590, 66.1707, 94.8581



67.5264, 66.1707, 56.7902



56.3396, 66.1707, 80.1306

Square

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



67.5264, 66.1707, 56.7902



57.3115, 66.1707, 59.8539



58.4771, 66.1707, 89.8212



68.8262, 66.1707, 85.7966

Rectangle

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



67.5264, 66.1707, 56.7902



61.4040, 66.1707, 53.4149



58.4771, 66.1707, 89.8212



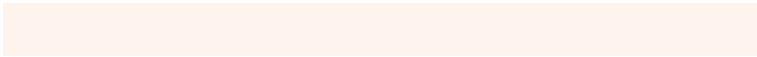
64.4064, 66.1707, 94.5786

Sweetspot

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



67.5282, 66.1737, 56.7916



88.5301, 91.3474, 93.2015



68.3019, 60.3246, 79.8523



18.8338, 19.3984, 19.6739



0.0000, 0.0000, 0.0000



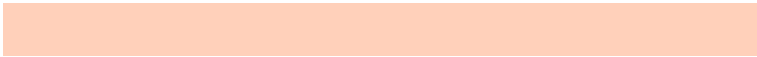
20.3446, 21.4041, 23.3091

Same Dimension

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



67.5282, 66.1737, 56.7916



72.6335, 69.8408, 56.1904



74.3276, 79.7726, 59.0581



16.1790, 16.5710, 16.4955



21.1752, 13.1485, 1.4219



1.8474, 1.2655, 0.1469

Inverse Universe

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



63.6908, 70.9509, 94.3430



67.5655, 76.1367, 105.7425



57.1443, 57.8580, 92.1608



15.8031, 17.0404, 20.1778



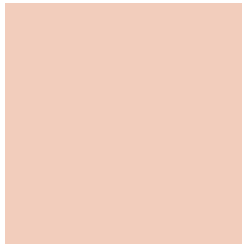
16.0432, 18.3106, 47.8166



1.4233, 1.7007, 4.0075

Previews

White Background



This preview shows how the XYZ color 67.5264, 66.1707, 56.7902 looks on a white background.

Color Contrast Check

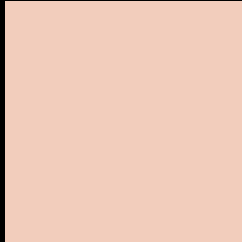
Large Text (above 18pt) WCAG AA × Fail

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 67.5264, 66.1707, 56.7902 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 67.5264, 66.1707, 56.7902

Background



This preview shows how black text looks on a background with the XYZ color 67.5264, 66.1707, 56.7902.



This preview shows how white text looks on a background with the XYZ color 67.5264, 66.1707,

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

67.5264, 66.1707, 56.7902

Protanopia

62.8767, 66.2649, 59.3456

Deuteranopia

67.5264, 66.1707, 56.7902



Tritanopia

70.9375, 66.1436, 73.9939

Trichromacy



Original Color

67.5264, 66.1707, 56.7902

Protanomaly

64.5175, 66.0205, 58.6330

Deuteranomaly

67.5264, 66.1707, 56.7902

Tritanomaly

69.5693, 65.9304, 67.4517

Monochromacy



Original Color

67.5264, 66.1707, 56.7902

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

65.0542, 66.8436, 67.2310

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.5264, 66.1707, 56.7902 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, 205, 188)` looks like.

```
.text, #text, p{  
    color:rgb(242, 205, 188)  
}
```

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, 205, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 205, 188) }
```

Border

The CSS property to change the border of an element to XYZ 67.5264, 66.1707, 56.7902 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, 205, 188) }
```


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

```
.border{ border-color:rgb(242, 205, 188) }
```

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

Here you see how a box with a 4 pixel rgb(242, 205, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 205, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 205, 188);  
box-shadow:4px 4px 4px 4px rgb(242, 205,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 67.5264, 66.1707, 56.7902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 205, 188) }
```

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

```
.background{ background-color: rgb(242,  
205, 188) }
```

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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