

Converting Colors

XYZ(67.0095, 64.4036, 57.2335)

Have a look what the booklet for
XYZ(67.0095, 64.4036, 57.2335)
contains.

XYZ(67.0341, 64.5021, 57.0612)	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(67.0341, 64.5021,
57.0612)**

Conversions

Conversions Part 1

Format	Color
Hex	F3C9BD
RGB	243, 201, 189
RGB Percent	95%, 79%, 74%
CMY	0.0471, 0.2117, 0.2588
CMYK	0.00, 0.17, 0.22, 0.05
HSL	13°, 69%, 85%
HSV	13°, 22%, 95%
XYZ	67.0341, 64.5021, 57.0612
YIQ	212.1900, 28.8840, 5.1720

Conversions

Conversions Part 2

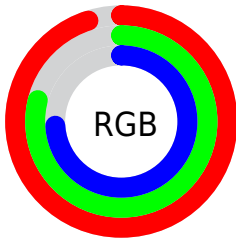
Format	Color
R _Y B	243, 204, 189
Decimal	15976893
CIE Lab	84.23, 13.05, 11.56
CIE LCh	84, 17.435, 41.523
Yxy	64.5021, 0.3554, 0.3420
Android (android.graphics.Color)	4294166973 (0xFFFF3C9BD)
YUV	212.1900, -11.4327, 27.0204
Hunter-Lab	80.3132, 8.4385, 14.0947

Details

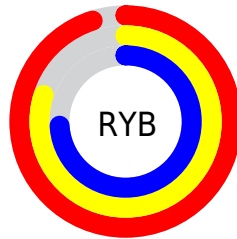
The XYZ color **67.0341, 64.5021, 57.0612** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **65.7392, 74.4397, 95.6979**, and the grayscale version is **62.7673, 66.0361, 71.9133**.

A 20% lighter version of the original color is **93.4814, 99.3726, 100.6400**, and **35.1274, 33.0841, 27.8270** is the 20% darker color. If you saturate the color by 10%, you get **60.4768, 55.2607, 42.9339**, and if you desaturate by 10%, it is **74.5789, 75.0102, 73.6994**.

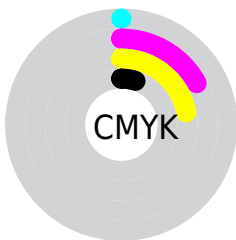
Distribution



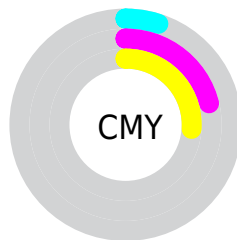
- Red (95%)
- Green (79%)
- Blue (74%)



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



- Cyan (0%)
- Magenta (17%)
- Yellow (22%)
- Black (5%)





- Cyan (5%)
- Magenta (21%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.0341, 64.5021, 57.0612 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 67.0341, 64.5021, 57.0612 by changing the saturation by 10% instead.


 67.0341, 64.5021,
57.0612

 67.0341, 64.5021,
57.0612


439.4967,
441.0006, 431.1788

 49.3831, 47.0575,
40.6447


 114.0188,
111.3337, 102.0557

 35.1393, 33.0811,
27.7240


144.0832,
141.4895, 131.4708

 23.9372, 22.1886,
17.8804


179.0162,
176.6511, 166.0558

 15.4115, 13.9955,
10.6956

219.1831,
217.2030, 206.2293

 9.1969, 8.1176,
5.7510

264.9493,
263.5294, 252.4098

 4.9280, 4.1703,
2.6279

316.6800,

 2.2394, 1.7693,

316.0149, 305.0158

0.9068

374.7407,
375.0439, 364.4660

0.7634, 0.4679,
0.0000

0.0000, 0.0000,
0.0000

67.0341, 64.5021,
57.0612

67.0341, 64.5021,
57.0612

60.4768, 55.2607,
42.9339

74.5789, 75.0102,
73.6994

54.8601, 47.2292,
31.1911

83.1450, 86.8215,
92.9584

50.1412, 40.3593,
21.7013

90.7723, 97.7948,
108.6998

46.2716, 34.5963,
14.3187

■ 43.1980, 29.8809,
8.8802

■ 40.8605, 26.1476,
5.1983

■ 39.1900, 23.3234,
3.0480

■ 38.2825, 21.6951,
2.1699

Harmonies

Analogous

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



68.8717, 64.5021, 66.0704



67.0341, 64.5021, 57.0612



63.6899, 64.5021, 51.9378

Triad

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



67.0341, 64.5021, 57.0612



54.5334, 64.5021, 63.7079



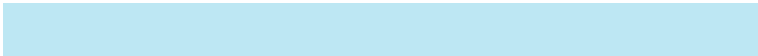
62.8020, 64.5021, 93.1880

Complementary

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



67.0341, 64.5021, 57.0612



65.7392, 74.4397, 95.6979

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.



58.9849, 64.5021, 92.3845



67.0341, 64.5021, 57.0612



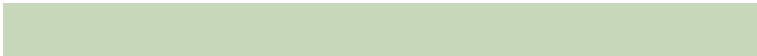
54.3182, 64.5021, 74.5645

Square

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



67.0341, 64.5021, 57.0612



56.5172, 64.5021, 55.4884



55.9163, 64.5021, 85.2875



66.3607, 64.5021, 87.3797

Rectangle

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



67.0341, 64.5021, 57.0612



61.1102, 64.5021, 51.0529



55.9163, 64.5021, 85.2875



61.5048, 64.5021, 93.6972

Sweetspot

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



67.0358, 64.5050, 57.0625



88.0383, 90.3638, 93.0376



69.6266, 61.2372, 83.9744



18.7202, 19.1711, 19.6360



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.



67.0358, 64.5050, 57.0625



71.1120, 66.7977, 55.6833



73.8090, 78.0513, 59.3202



16.7979, 17.0798, 17.2090



21.0924, 12.0704, 1.2181



1.9274, 1.2080, 0.1316

Inverse Universe

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



65.7392, 74.4397, 95.6979



69.4063, 79.8181, 106.3561



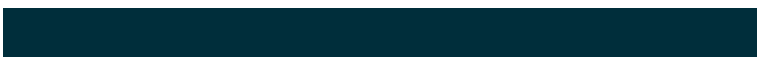
58.8289, 60.6192, 93.3945



16.6660, 18.0962, 21.1571



18.9688, 23.7313, 50.1189



1.7423, 2.2359, 4.4300

Previews

White Background



This preview shows how the XYZ color 67.0341, 64.5021, 57.0612 looks on a white background.

Color Contrast Check

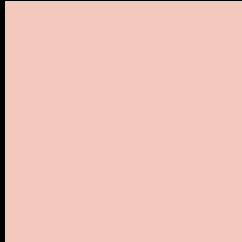
Large Text (above 18pt) WCAG AA × Fail

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 67.0341, 64.5021, 57.0612 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

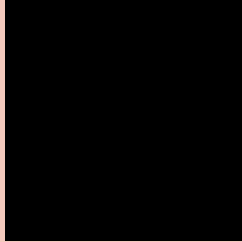
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.0341, 64.5021, 57.0612

Background



This preview shows how black text looks on a background with the XYZ color 67.0341, 64.5021, 57.0612.



This preview shows how white text looks on a background with the XYZ color 67.0341, 64.5021,

57.0612.

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

67.0341, 64.5021, 57.0612

Protanopia

61.6976, 64.8937, 60.3128

Deuteranopia

66.1378, 64.7367, 57.1537



Tritanopia

69.9825, 64.3294, 71.6791

Trichromacy



Original Color

67.0341, 64.5021, 57.0612

Protanomaly

63.5058, 64.7623, 59.0224

Deuteranomaly

66.2410, 64.4404, 57.0911

Tritanomaly

68.7494, 64.1603, 65.8874

Monochromacy



Original Color

67.0341, 64.5021, 57.0612

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

63.8864, 65.1594, 66.3366

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.0341, 64.5021, 57.0612 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(243, 201, 189)` looks like.

```
.text, #text, p{  
    color:rgb(243, 201, 189)  
}
```

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(243, 201, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 201, 189) }
```

Border

The CSS property to change the border of an element to XYZ 67.0341, 64.5021, 57.0612 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(243, 201, 189) }
```


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

```
.border{ border-color:rgb(243, 201, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 201, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 201, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 201, 189);  
box-shadow:4px 4px 4px 4px rgb(243, 201,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 67.0341, 64.5021, 57.0612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 201, 189) }
```

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

```
.background{ background-color: rgb(243,  
201, 189) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor