

Converting Colors

XYZ(65.7074, 64.2270, 54.2813)

Have a look what the booklet for
XYZ(65.7074, 64.2270, 54.2813)
contains.

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Color

**XYZ(65.7074, 64.2270,
54.2813)**

Conversions

Conversions Part 1

Format	Color
Hex	F0CAB8
RGB	240, 202, 184
RGB Percent	94%, 79%, 72%
CMY	0.0588, 0.2078, 0.2784
CMYK	0.00, 0.16, 0.23, 0.06
HSL	19°, 65%, 83%
HSV	19°, 23%, 94%
XYZ	65.7074, 64.2270, 54.2813
YIQ	211.3100, 28.4260, 2.4580

Conversions

Conversions Part 2

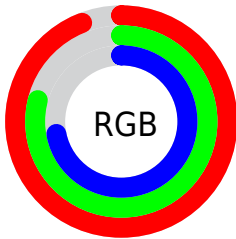
Format	Color
R _Y B	240, 211, 184
Decimal	15780536
CIE Lab	84.08, 10.71, 13.97
CIE LCh	84, 17.608, 52.526
Yxy	64.2270, 0.3567, 0.3487
Android (android.graphics.Color)	4293970616 (0xFFFF0CAB8)
YUV	211.3100, -13.4638, 25.1611
Hunter-Lab	80.1417, 6.1023, 15.9412

Details

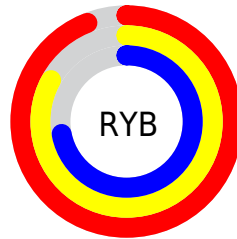
The XYZ color **65.7074, 64.2270, 54.2813** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **61.6160, 68.7222, 92.4556**, and the grayscale version is **62.1963, 65.4354, 71.2591**.

A 20% lighter version of the original color is **92.7282, 99.0713, 96.6734**, and **34.2151, 32.8858, 26.0170** is the 20% darker color. If you saturate the color by 10%, you get **59.7810, 56.0643, 40.9291**, and if you desaturate by 10%, it is **72.4672, 73.3726, 70.0184**.

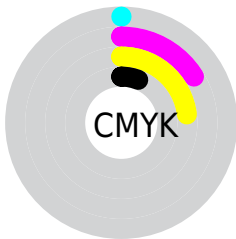
Distribution



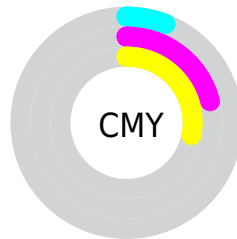
- Red (94%)
- Green (79%)
- Blue (72%)



- Red (94%)
- Yellow (83%)
- Blue (72%)



- Cyan (0%)
- Magenta (16%)
- Yellow (23%)
- Black (6%)





- Cyan (6%)
- Magenta (21%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.7074, 64.2270, 54.2813 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 65.7074, 64.2270, 54.2813 by changing the saturation by 10% instead.


 65.7074, 64.2270,
54.2813

 65.7074, 64.2270,
54.2813


434.8349,
440.0089, 420.3867

 48.3017, 46.8346,
38.4319


 112.1263,
110.9378, 97.9477

 34.2781, 32.9049,
26.0136


141.8703,
141.0249, 126.6018

 23.2713, 22.0536,
16.6080

176.4578,
176.1124, 160.3612

 14.9157, 13.8963,
9.7964

216.2541,
216.5846, 199.6444

 8.8462, 8.0486,
5.1603

261.6246,
262.8260, 244.8701

 4.6973, 4.1260,
2.2813

312.9347,

 2.1037, 1.7443,

315.2209, 296.4566

0.7207

370.5496,
374.1538, 354.8227

0.6912, 0.4521,
0.0000

0.0000, 0.0000,
0.0000

65.7074, 64.2270,
54.2813

65.7074, 64.2270,
54.2813

59.7810, 56.0643,
40.9291

72.4672, 73.3726,
70.0184

54.6490, 48.8423,
29.8403

80.0873, 83.5242,
88.2459

50.2766, 42.5284,
20.8886

88.4378, 94.6504,
108.2159

46.6242, 37.0846,
13.9335

89.7453, 97.2653,
108.6517

■ 43.6481, 32.4702,
8.8176

■ 41.2993, 28.6404,
5.3590

■ 39.5202, 25.5455,
3.3381

■ 38.6006, 23.8560,
2.5702

Harmonies

Analogous

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



68.2140, 64.2270, 62.0473



65.7074, 64.2270, 54.2813



62.0233, 64.2270, 50.7817

Triad

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



65.7074, 64.2270, 54.2813



53.9303, 64.2270, 67.1846



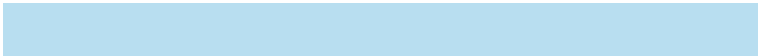
63.9545, 64.2270, 91.6288

Complementary

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



65.7074, 64.2270, 54.2813



61.6160, 68.7222, 92.4556

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.



60.0787, 64.2270, 93.3778



65.7074, 64.2270, 54.2813



54.3983, 64.2270, 78.4584

Square

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



65.7074, 64.2270, 54.2813



55.3036, 64.2270, 57.6998



56.6101, 64.2270, 88.3350



67.1724, 64.2270, 83.7818

Rectangle

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



65.7074, 64.2270, 54.2813



59.4389, 64.2270, 51.0469



56.6101, 64.2270, 88.3350



62.6814, 64.2270, 92.9810

Sweetspot

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



65.7091, 64.2299, 54.2826



88.5654, 91.4180, 93.2133



66.2968, 58.0952, 77.0146



18.8420, 19.4147, 19.6766



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

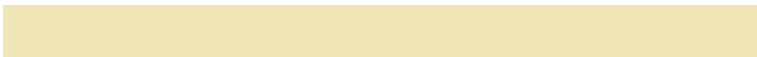
The Same Dimension uses a secret algorithm to generate beautiful new colors.



65.7091, 64.2299, 54.2826



72.0553, 69.1148, 54.6706



72.8100, 78.4317, 56.6496



16.1877, 16.5885, 16.4984



21.2370, 13.2720, 1.4424



1.8534, 1.2774, 0.1489

Inverse Universe

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



61.6160, 68.7222, 92.4556



66.5905, 75.0990, 105.5936



54.8473, 55.1848, 90.1993



15.7940, 17.0221, 20.1748



15.8892, 18.0026, 47.7653



1.4114, 1.6768, 4.0035

Previews

White Background



This preview shows how the XYZ color 65.7074, 64.2270, 54.2813 looks on a white background.

Color Contrast Check

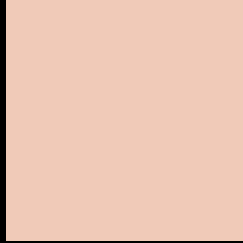
Large Text (above 18pt) WCAG AA × Fail

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 65.7074, 64.2270, 54.2813 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 65.7074, 64.2270, 54.2813

Background



This preview shows how black text looks on a background with the XYZ color 65.7074, 64.2270, 54.2813.



This preview shows how white text looks on a background with the XYZ color 65.7074, 64.2270,

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

65.7074, 64.2270, 54.2813

Protanopia

61.0910, 64.2918, 56.7667

Deuteranopia

65.7074, 64.2270, 54.2813



Tritanopia

69.1665, 64.2469, 71.7062

Trichromacy



Original Color

65.7074, 64.2270, 54.2813

Protanomaly

62.7195, 64.0614, 56.0731

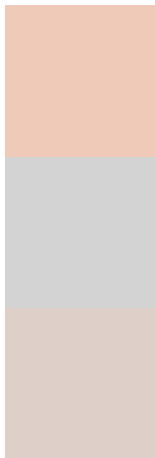
Deuteranomaly

65.7074, 64.2270, 54.2813

Tritanomaly

67.7020, 63.9884, 64.6598

Monochromacy



Original Color

65.7074, 64.2270, 54.2813

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

63.2227, 64.8584, 64.4451

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.7074, 64.2270, 54.2813 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, 202, 184)` looks like.

```
.text, #text, p{  
    color:rgb(240, 202, 184)  
}
```

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, 202, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 202, 184) }
```

Border

The CSS property to change the border of an element to XYZ 65.7074, 64.2270, 54.2813 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, 202, 184) }
```


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

```
.border{ border-color:rgb(240, 202, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 202, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 202, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 202, 184);  
box-shadow:4px 4px 4px 4px rgb(240, 202,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 65.7074, 64.2270, 54.2813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 202, 184) }
```

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

```
.background{ background-color: rgb(240,  
202, 184) }
```

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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