

Converting Colors

XYZ(69.8029, 67.4055, 54.1313)

Have a look what the booklet for
XYZ(69.8029, 67.4055, 54.1313)
contains.

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Color

**XYZ(69.8029, 67.4055,
54.1313)**

Conversions

Conversions Part 1

Format	Color
Hex	FACDB7
RGB	250, 205, 183
RGB Percent	98%, 80%, 72%
CMY	0.0196, 0.1961, 0.2823
CMYK	0.00, 0.18, 0.27, 0.02
HSL	20°, 87%, 85%
HSV	20°, 27%, 98%
XYZ	69.8029, 67.4055, 54.1313
YIQ	215.9470, 33.8820, 2.6980

Conversions

Conversions Part 2

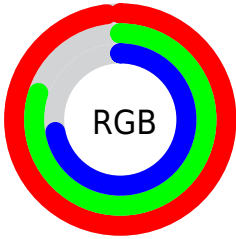
Format	Color
R _Y B	250, 216, 183
Decimal	16436663
CIE Lab	85.71, 12.71, 16.92
CIE LCh	86, 21.164, 53.086
Yxy	67.4055, 0.3648, 0.3523
Android (android.graphics.Color)	4294626743 (0xFFFAADB7)
YUV	215.9470, -16.2429, 29.8645
Hunter-Lab	82.1009, 8.0858, 18.3791

Details

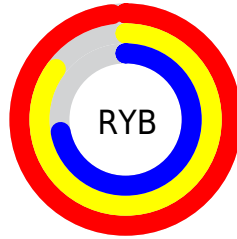
The XYZ color **69.8029, 67.4055, 54.1313** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **64.5265, 72.4542, 101.0269**, and the grayscale version is **65.3266, 68.7287, 74.8455**.

A 20% lighter version of the original color is **92.5800, 99.0120, 95.8931**, and **37.0882, 35.0824, 25.9359** is the 20% darker color. If you saturate the color by 10%, you get **63.6258, 58.8519, 40.3546**, and if you desaturate by 10%, it is **76.8768, 77.0121, 70.4886**.

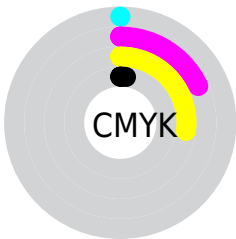
Distribution



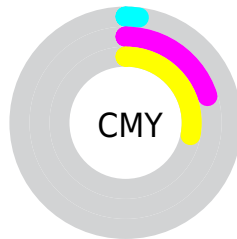
- Red (98%)
- Green (80%)
- Blue (72%)



- Red (98%)
- Yellow (85%)
- Blue (72%)



- Cyan (0%)
- Magenta (18%)
- Yellow (27%)
- Black (2%)





- Cyan (2%)
- Magenta (20%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.8029, 67.4055, 54.1313 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 69.8029, 67.4055, 54.1313 by changing the saturation by 10% instead.


 69.8029, 67.4055,
54.1313

 69.8029, 67.4055,
54.1313


449.1349,
451.3868, 419.7993

 51.6449, 49.4142,
38.3128


 117.9554,
115.5013, 97.7253

 36.9452, 34.9482,
25.9218


148.6807,
146.3745, 126.3379

 25.3386, 23.6230,
16.5399


184.3257,
182.3106, 160.0523

 16.4595, 15.0542,
9.7485

225.2558,
223.6939, 199.2869

 9.9428, 8.8574,
5.1291

271.8365,
270.9088, 244.4604

 5.4230, 4.6483,
2.2632

324.4329,

 2.5348, 2.0424,

324.3396, 295.9912

0.7105

383.4106,
384.3708, 354.2980

■ 0.9129, 0.6319,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 69.8029, 67.4055,
54.1313

■ 69.8029, 67.4055,
54.1313

■ 63.6258, 58.8519,
40.3546

■ 76.8768, 77.0121,
70.4886

■ 58.3020, 51.3052,
29.0209

■ 84.8777, 87.6974,
89.5458

■ 53.7926, 44.7293,
19.9862

■ 93.2345, 99.0641,
108.8150

■ 50.0527, 39.0823,
13.0895

■ 47.0329, 34.3189,
8.1485

■ 44.6766, 30.3891,
4.9499

■ 42.9156, 27.2362,
3.2250

■ 42.4499, 26.3750,
2.8535

Harmonies

Analogous

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



72.9870, 67.4055, 63.4590



69.8029, 67.4055, 54.1313



65.1904, 67.4055, 50.0478

Triad

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



69.8029, 67.4055, 54.1313



55.2903, 67.4055, 70.2404



67.7744, 67.4055, 100.6525

Complementary

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



69.8029, 67.4055, 54.1313



64.5265, 72.4542, 101.0269

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.



62.9564, 67.4055, 103.0596



69.8029, 67.4055, 54.1313



55.9049, 67.4055, 84.3135

Square

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



69.8029, 67.4055, 54.1313



56.9311, 67.4055, 58.5619



58.6541, 67.4055, 96.7552



71.7754, 67.4055, 90.5382

Rectangle

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



69.8029, 67.4055, 54.1313



61.9890, 67.4055, 50.4336



58.6541, 67.4055, 96.7552



66.1907, 67.4055, 102.4379

Sweetspot

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



69.8047, 67.4086, 54.1327



87.7218, 90.3234, 91.1053



70.4710, 59.8368, 81.8062



18.4966, 18.9614, 18.8294



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.



69.8047, 67.4086, 54.1327



69.5222, 65.6939, 48.7544



78.4642, 84.7276, 57.0192



17.7102, 18.1562, 18.0335



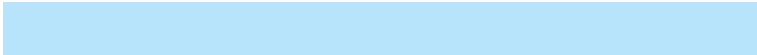
22.6332, 14.2230, 1.5524



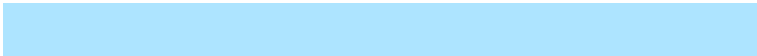
2.1887, 1.5023, 0.1746

Inverse Universe

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



64.5265, 72.4542, 101.0269



63.1706, 71.7468, 105.1268



56.3632, 56.1276, 98.3058



17.2573, 18.5915, 22.0642



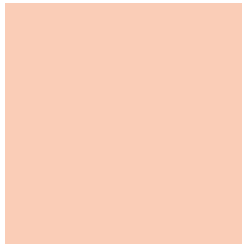
16.7067, 18.7689, 50.7158



1.6441, 1.9319, 4.7294

Previews

White Background



This preview shows how the XYZ color 69.8029, 67.4055, 54.1313 looks on a white background.

Color Contrast Check

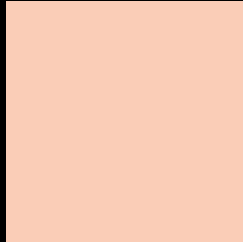
Large Text (above 18pt) WCAG AA × Fail

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 69.8029, 67.4055, 54.1313 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 69.8029, 67.4055, 54.1313

Background



This preview shows how black text looks on a background with the XYZ color 69.8029, 67.4055, 54.1313.



This preview shows how white text looks on a background with the XYZ color 69.8029, 67.4055,

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

69.8029, 67.4055, 54.1313

Protanopia

64.0675, 67.6885, 56.7022

Deuteranopia

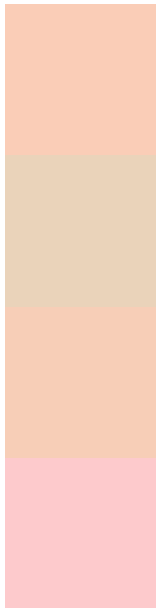
68.6246, 67.1543, 54.1449



Tritanopia

73.9220, 67.3373, 74.0670

Trichromacy



Original Color

69.8029, 67.4055, 54.1313

Protanomaly

66.0889, 67.6261, 56.0243

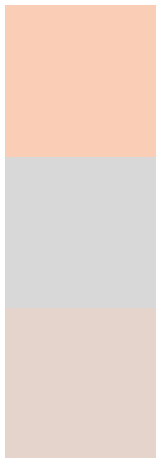
Deuteranomaly

68.9763, 67.3357, 54.1614

Tritanomaly

72.5276, 67.4833, 66.3297

Monochromacy



Original Color

69.8029, 67.4055, 54.1313

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

66.4375, 67.9406, 66.7390

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.8029, 67.4055, 54.1313 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(250, 205, 183)` looks like.

```
.text, #text, p{  
    color:rgb(250, 205, 183)  
}
```

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(250, 205, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 205, 183) }
```

Border

The CSS property to change the border of an element to XYZ 69.8029, 67.4055, 54.1313 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(250, 205, 183) }
```


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

```
.border{ border-color:rgb(250, 205, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 205, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(250, 205, 183); -webkit-box-shadow:4px 4px 4px 4px rgb(250, 205, 183); box-shadow:4px 4px 4px 4px rgb(250, 205, 183) }
```

Background

The CSS property to change the background color of an element to XYZ 69.8029, 67.4055, 54.1313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 205, 183) }
```

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

```
.background{ background-color: rgb(250,  
205, 183) }
```

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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