

Converting Colors

XYZ(71.1417, 67.2877, 54.3661)

Have a look what the booklet for
XYZ(71.1417, 67.2877, 54.3661)
contains.

XYZ(71.2477, 67.4326, 54.6080)	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(71.2477, 67.4326,
54.6080)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCBB8
RGB	255, 203, 184
RGB Percent	100%, 80%, 72%
CMY	0.0000, 0.2039, 0.2784
CMYK	0.00, 0.20, 0.28, 0.00
HSL	16°, 100%, 86%
HSV	16°, 28%, 100%
XYZ	71.2477, 67.4326, 54.6080
YIQ	216.3820, 37.0910, 5.1150

Conversions

Conversions Part 2

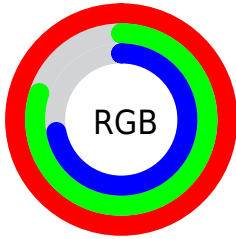
Format	Color
R _{YB}	255, 210, 184
Decimal	16763832
CIE _{Lab}	85.72, 15.74, 16.48
CIE _{LCh}	86, 22.792, 46.310
Yxy	67.4326, 0.3686, 0.3489
Android (android.graphics.Color)	4294953912 (0xFFFFCBB8)
YUV	216.3820, -15.9643, 33.8680
Hunter-Lab	82.1174, 11.1671, 18.0543

Details

The XYZ color **71.2477, 67.4326, 54.6080** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **67.8116, 77.3986, 105.9731**, and the grayscale version is **65.6200, 69.0373, 75.1817**.

A 20% lighter version of the original color is **92.7282, 99.0713, 96.6734**, and **37.8701, 35.0039, 26.2332** is the 20% darker color. If you saturate the color by 10%, you get **64.6644, 58.1651, 40.3934**, and if you desaturate by 10%, it is **78.8473, 77.9614, 71.5400**.

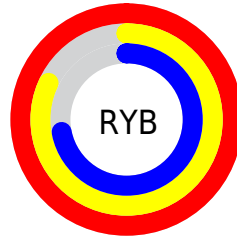
Distribution



Red (100%)

Green (80%)

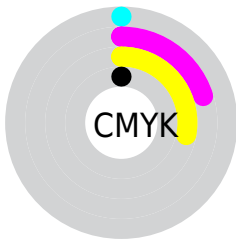
Blue (72%)



Red (100%)

Yellow (82%)

Blue (72%)

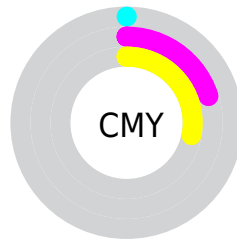


Cyan (0%)

Magenta (20%)

Yellow (28%)

Black (0%)



Cyan (0%)

Magenta (20%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.2477, 67.4326, 54.6080 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 71.2477, 67.4326, 54.6080 by changing the saturation by 10% instead.


 71.2477, 67.4326,
54.6080

 71.2477, 67.4326,
54.6080

454.1172,
451.4831, 421.6643

 52.8276, 49.4363,
38.6915


 120.0030,
115.5401, 98.4318

 37.8921, 34.9657,
26.2138

151.0688,
146.4200, 127.1761

 26.0758, 23.6364,
16.7565

187.0807,
182.3632, 161.0334

 17.0133, 15.0642,
9.9009

228.4039,
223.7542, 200.4223

 10.3394, 8.8644,
5.2286

275.4038,
270.9773, 245.7613

 5.6885, 4.6529,
2.3209

328.4458,

 2.6955, 2.0451,

324.4168, 297.4689

0.7429

387.8951,
384.4573, 355.9637

■ 0.9948, 0.6335,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 71.2477, 67.4326,
54.6080

■ 71.2477, 67.4326,
54.6080

■ 64.6644, 58.1651,
40.3934

■ 78.8473, 77.9614,
71.5400

■ 59.0479, 50.1018,
28.7493

■ 87.5002, 89.7875,
91.3174

■ 54.3515, 43.1946,
19.5214

95.0500, 100.0000,
108.9000

■ 50.5227, 37.3885,
12.5368

■ 47.5028, 32.6238,
7.5994

■ 45.2251, 28.8345,
4.4784

■ 43.6061, 25.9440,
2.8674

■ 43.3228, 25.4256,
2.6243

Harmonies

Analogous

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



74.1721, 67.4326, 65.6733



71.2477, 67.4326, 54.6080



66.4874, 67.4326, 48.9744

Triad

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



71.2477, 67.4326, 54.6080



54.8637, 67.4326, 66.8543



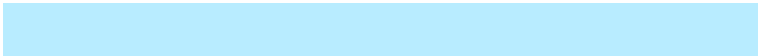
66.9409, 67.4326, 104.4651

Complementary

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



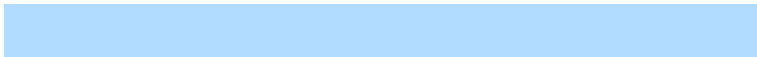
71.2477, 67.4326, 54.6080



67.8116, 77.3986, 105.9731

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.



61.7562, 67.4326, 104.8943



71.2477, 67.4326, 54.6080



54.9704, 67.4326, 81.7588

Square

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



71.2477, 67.4326, 54.6080



57.1335, 67.4326, 55.3715



57.4334, 67.4326, 96.1274



71.5952, 67.4326, 95.0237

Rectangle

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



71.2477, 67.4326, 54.6080



63.0003, 67.4326, 48.4876



57.4334, 67.4326, 96.1274



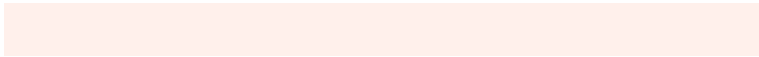
65.1976, 67.4326, 105.7079

Sweetspot

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



71.2493, 67.4357, 54.6094



87.3556, 89.5910, 90.9833



73.5309, 61.6016, 87.4228



18.4048, 18.7778, 18.7988



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.



71.2493, 67.4357, 54.6094



67.7294, 62.5006, 46.9473



80.5928, 86.1227, 57.7239



18.4048, 18.7778, 18.7988



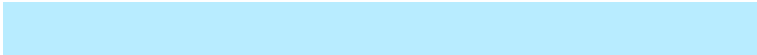
22.7411, 13.4934, 1.4059



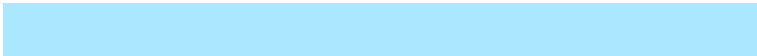
2.2996, 1.4845, 0.1653

Inverse Universe

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



67.8116, 77.3986, 105.9731



63.8024, 73.8419, 105.4979



58.6036, 58.9826, 102.9038



18.1194, 19.6104, 23.0801



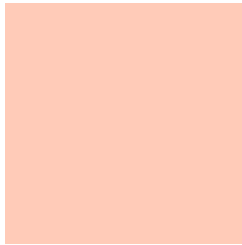
18.8178, 22.5452, 52.7944



1.9223, 2.3753, 5.1704

Previews

White Background



This preview shows how the XYZ color 71.2477, 67.4326, 54.6080 looks on a white background.

Color Contrast Check

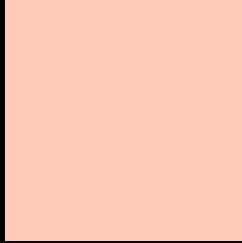
Large Text (above 18pt) WCAG AA × Fail

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 71.2477, 67.4326, 54.6080 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 71.2477, 67.4326, 54.6080

Background



This preview shows how black text looks on a background with the XYZ color 71.2477, 67.4326, 54.6080.



This preview shows how white text looks on a background with the XYZ color 71.2477, 67.4326,

54.6080.

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

71.2477, 67.4326, 54.6080

Protanopia

64.0813, 67.6581, 58.3971

Deuteranopia

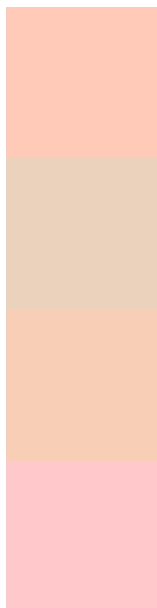
68.8661, 67.6374, 54.2254



Tritanopia

74.0319, 67.4236, 72.7305

Trichromacy



Original Color

71.2477, 67.4326, 54.6080

Protanomaly

66.3846, 67.3862, 57.0849

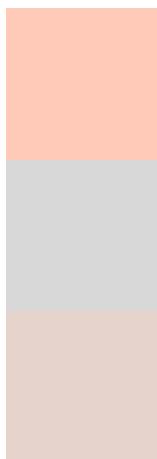
Deuteranomaly

69.6855, 67.7012, 54.1946

Tritanomaly

72.9061, 67.3451, 65.6562

Monochromacy



Original Color

71.2477, 67.4326, 54.6080

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

66.8265, 67.7712, 66.6857

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.2477, 67.4326, 54.6080 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(255, 203, 184)` looks like.

```
.text, #text, p{  
    color:rgb(255, 203, 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(255, 203, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 203, 184) }
```

Border

The CSS property to change the border of an element to XYZ 71.2477, 67.4326, 54.6080 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(255, 203, 184) }
```


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

```
.border{ border-color:rgb(255, 203, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 203, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 203, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 203, 184);  
box-shadow:4px 4px 4px 4px rgb(255, 203,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 71.2477, 67.4326, 54.6080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 203, 184) }
```

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

```
.background{ background-color: rgb(255,  
203, 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](#).

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