

Converting Colors

XYZ(112.5995, 86.3821,
55.2839)

Have a look what the booklet for
XYZ(112.5995, 86.3821, 55.2839)
contains.

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Color

**XYZ(69.5272, 64.1588,
53.5191)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC4B7
RGB	255, 196, 183
RGB Percent	100%, 77%, 72%
CMY	0.0000, 0.2313, 0.2823
CMYK	0.00, 0.23, 0.28, 0.00
HSL	11°, 100%, 86%
HSV	11°, 28%, 100%
XYZ	69.5272, 64.1588, 53.5191
YIQ	212.1590, 39.3370, 8.4650

Conversions

Conversions Part 2

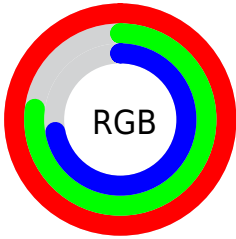
Format	Color
R _Y B	255, 199, 183
Decimal	16762039
CIE Lab	84.05, 19.27, 14.66
CIE LCh	84, 24.213, 37.258
Yxy	64.1588, 0.3714, 0.3427
Android (android.graphics.Color)	4294952119 (0xFFFFC4B7)
YUV	212.1590, -14.3754, 37.5716
Hunter-Lab	80.0992, 14.7669, 16.4542

Details

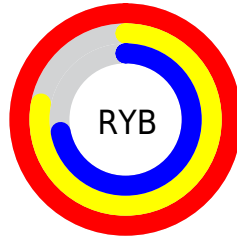
The XYZ color **69.5272, 64.1588, 53.5191** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.3294, 80.7887, 106.5475**, and the grayscale version is **62.7607, 66.0292, 71.9058**.

A 20% lighter version of the original color is **91.9453, 97.7426, 95.6815**, and **36.7282, 32.8280, 25.5197** is the 20% darker color. If you saturate the color by 10%, you get **62.7206, 54.4152, 39.3206**, and if you desaturate by 10%, it is **77.4742, 75.4132, 70.4713**.

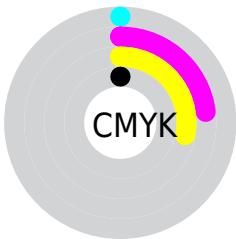
Distribution



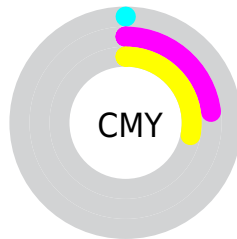
- Red (100%)
- Green (77%)
- Blue (72%)



- Red (100%)
- Yellow (78%)
- Blue (72%)



- Cyan (0%)
- Magenta (23%)
- Yellow (28%)
- Black (0%)





- Cyan (0%)
- Magenta (23%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.5272, 64.1588, 53.5191 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 69.5272, 64.1588, 53.5191 by changing the saturation by 10% instead.


 69.5272, 64.1588,
53.5191

 69.5272, 64.1588,
53.5191


448.1805,
439.7629, 417.3962

 51.4194, 46.7793,
37.8268


 117.5642,
110.8396, 96.8171

 36.7649, 32.8612,
25.5475


148.2241,
140.9097, 125.2598

 25.1983, 22.0202,
16.2627


183.7988,
175.9788, 158.7897

 16.3544, 13.8717,
9.5539

224.6535,
216.4313, 197.8253

 9.8677, 8.0315,
5.0025

271.1537,
262.6515, 242.7853

 5.3729, 4.1151,
2.1899

323.6647,

 2.5047, 1.7382,

315.0239, 294.0880

0.6686

382.5518,
373.9329, 352.1521

■ 0.8976, 0.4482,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 69.5272, 64.1588,
53.5191

■ 69.5272, 64.1588,
53.5191

■ 62.7206, 54.4152,
39.3206

■ 77.4742, 75.4132,
70.4713

■ 56.9967, 46.1094,
27.7262

■ 86.6062, 88.2300,
90.3084

■ 52.2997, 39.1752,
18.5778

95.0500, 100.0000,
108.9000

■ 48.5671, 33.5377,
11.6985

■ 45.7288, 29.1149,
6.8873

■ 43.7049, 25.8149,
3.9077

■ 42.3946, 23.5296,
2.4365

■ 42.2194, 23.2187,
2.2565

Harmonies

Analogous

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



71.7485, 64.1588, 66.2069



69.5272, 64.1588, 53.5191



65.0386, 64.1588, 46.0883

Triad

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



69.5272, 64.1588, 53.5191



51.9900, 64.1588, 59.0918



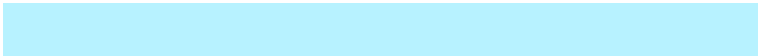
62.2880, 64.1588, 103.2916

Complementary

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



69.5272, 64.1588, 53.5191



69.3294, 80.7887, 106.5475

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.



57.0958, 64.1588, 100.6521



69.5272, 64.1588, 53.5191



51.3486, 64.1588, 73.6409

Square

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



69.5272, 64.1588, 53.5191



54.9714, 64.1588, 48.9627



53.1655, 64.1588, 89.2238



67.4134, 64.1588, 95.9850

Rectangle

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



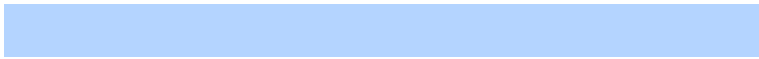
69.5272, 64.1588, 53.5191



61.4737, 64.1588, 44.4016



53.1655, 64.1588, 89.2238



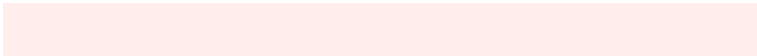
60.4910, 64.1588, 103.5540

Sweetspot

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



69.5288, 64.1617, 53.5204



86.8352, 88.5501, 90.8098



74.3515, 61.5986, 92.7652



18.2747, 18.5175, 18.7554



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.



69.5288, 64.1617, 53.5204



65.4682, 58.3629, 45.0071



78.3634, 81.8310, 56.4653



18.2747, 18.5175, 18.7554



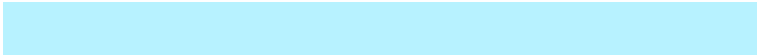
22.1365, 12.2843, 1.2044



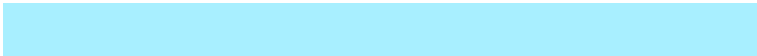
2.2238, 1.3330, 0.1401

Inverse Universe

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



69.3294, 80.7887, 106.5475



65.2284, 77.5097, 106.1307



59.8918, 61.9136, 103.4016



18.2594, 19.8904, 23.1268



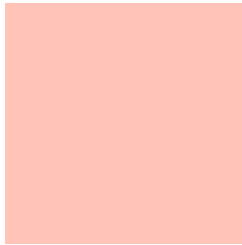
21.4386, 27.7867, 53.6680



2.1568, 2.8443, 5.2486

Previews

White Background



This preview shows how the XYZ color 69.5272, 64.1588, 53.5191 looks on a white background.

Color Contrast Check

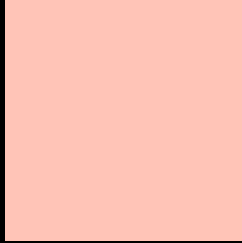
Large Text (above 18pt) WCAG AA × Fail

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 69.5272, 64.1588, 53.5191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

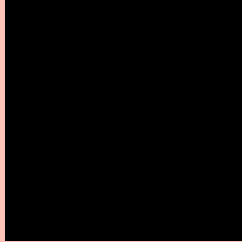
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.5272, 64.1588, 53.5191

Background



This preview shows how black text looks on a background with the XYZ color 69.5272, 64.1588, 53.5191.



This preview shows how white text looks on a background with the XYZ color 69.5272, 64.1588,

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

69.5272, 64.1588, 53.5191

Protanopia

61.0082, 64.2241, 57.8962

Deuteranopia

65.4992, 64.1437, 53.1848



Tritanopia

71.7943, 64.3486, 67.6680

Trichromacy



Original Color

69.5272, 64.1588, 53.5191

Protanomaly

63.5175, 63.7625, 55.9734

Deuteranomaly

66.7540, 64.0984, 53.1099

Tritanomaly

70.9481, 64.3674, 62.1109

Monochromacy



Original Color

69.5272, 64.1588, 53.5191

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

64.6088, 64.8536, 64.3711

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.5272, 64.1588, 53.5191 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, 196, 183)` looks like.

```
.text, #text, p{  
    color:rgb(255, 196, 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(255, 196, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 196, 183) }
```

Border

The CSS property to change the border of an element to XYZ 69.5272, 64.1588, 53.5191 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, 196, 183) }
```


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

```
.border{ border-color:rgb(255, 196, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 196, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 196, 183); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 196, 183); box-shadow:4px 4px 4px 4px rgb(255, 196, 183) }
```

Background

The CSS property to change the background color of an element to XYZ 69.5272, 64.1588, 53.5191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 196, 183) }
```

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

```
.background{ background-color: rgb(255,  
196, 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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