

Converting Colors

XYZ(95.6789, 81.0675, 57.4067)

Have a look what the booklet for
XYZ(95.6789, 81.0675, 57.4067)
contains.

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Color

**XYZ(72.2809, 68.9905,
56.5206)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCEBB
RGB	255, 206, 187
RGB Percent	100%, 81%, 73%
CMY	0.0000, 0.1921, 0.2667
CMYK	0.00, 0.19, 0.27, 0.00
HSL	17°, 100%, 87%
HSV	17°, 27%, 100%
XYZ	72.2809, 68.9905, 56.5206
YIQ	218.4850, 35.3030, 4.4790

Conversions

Conversions Part 2

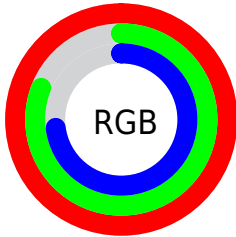
Format	Color
R_{YB}	255, 213, 187
Decimal	16764603
CIE _{Lab}	86.50, 14.58, 15.99
CIE _{LCh}	86, 21.636, 47.640
Yxy	68.9905, 0.3654, 0.3488
Android (android.graphics.Color)	4294954683 (0xFFFFCEBB)
YUV	218.4850, -15.5221, 32.0237
Hunter-Lab	83.0605, 9.9783, 17.7970

Details

The XYZ color **72.2809, 68.9905, 56.5206** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.5380, 77.7731, 106.0071**, and the grayscale version is **67.0638, 70.5563, 76.8358**.

A 20% lighter version of the original color is **93.1777, 99.2511, 99.0404**, and **38.5573, 36.0480, 27.4800** is the 20% darker color. If you saturate the color by 10%, you get **65.6224, 59.6610, 42.0076**, and if you desaturate by 10%, it is **79.9448, 79.5543, 73.7616**.

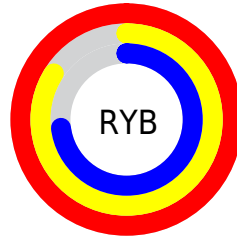
Distribution



Red (100%)

Green (81%)

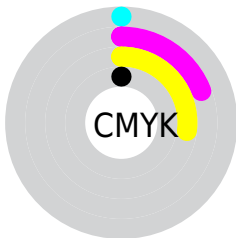
Blue (73%)



Red (100%)

Yellow (84%)

Blue (73%)

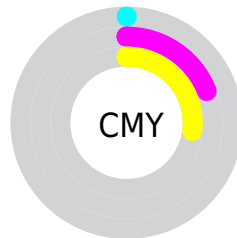


Cyan (0%)

Magenta (19%)

Yellow (27%)

Black (0%)



Cyan (0%)


Magenta (19%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.2809, 68.9905, 56.5206 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 72.2809, 68.9905, 56.5206 by changing the saturation by 10% instead.


 72.2809, 68.9905,
56.5206

 72.2809, 68.9905,
56.5206


457.6612,
456.9975, 429.0938

 53.6745, 50.7040,
40.2137


 121.4645,
117.7680, 101.2587

 38.5711, 35.9731,
27.3901


152.7723,
149.0278, 130.5270

 26.6054, 24.4134,
17.6314


189.0446,
185.3807, 164.9528

 17.4122, 15.6406,
10.5190

230.6468,
227.2113, 204.9547

 10.6259, 9.2702,
5.6343

277.9442,
274.9039, 250.9512

 5.8813, 4.9178,
2.5589

331.3021,

 2.8130, 2.1991,

328.8428, 303.3609

0.8711

391.0860,
389.4126, 362.6022

■ 1.0557, 0.7195,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 72.2809, 68.9905,
56.5206

■ 72.2809, 68.9905,
56.5206

■ 65.6224, 59.6610,
42.0076

■ 79.9448, 79.5543,
73.7616

■ 59.9205, 51.5106,
30.0775

■ 88.6494, 91.3863,
93.8572

■ 55.1304, 44.4938,
20.5779

95.0500, 100.0000,
108.9000

■ 51.2010, 38.5583,
13.3386

■ 48.0758, 33.6476,
8.1670

■ 45.6905, 29.6991,
4.8378

■ 43.9682, 26.6419,
3.0692

■ 43.5104, 25.8009,
2.6868

Harmonies

Analogous

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



75.1891, 68.9905, 67.0644



72.2809, 68.9905, 56.5206



67.6572, 68.9905, 51.2630

Triad

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



72.2809, 68.9905, 56.5206



56.6060, 68.9905, 69.3667



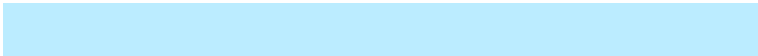
68.5363, 68.9905, 104.5984

Complementary

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



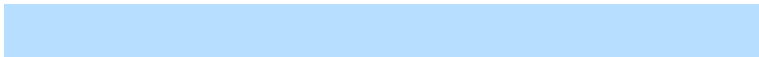
72.2809, 68.9905, 56.5206



68.5380, 77.7731, 106.0071

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.



63.5329, 68.9905, 105.4209



72.2809, 68.9905, 56.5206



56.8146, 68.9905, 83.7938

Square

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



72.2809, 68.9905, 56.5206



58.7093, 68.9905, 58.0206



59.2943, 68.9905, 97.4059



72.9527, 68.9905, 95.2842

Rectangle

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



72.2809, 68.9905, 56.5206



64.3009, 68.9905, 50.9578



59.2943, 68.9905, 97.4059



66.8626, 68.9905, 105.9162

Sweetspot

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



72.2827, 68.9937, 56.5220



87.4266, 89.7330, 91.0069



74.2773, 62.9080, 88.2466



18.4226, 18.8134, 18.8047



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

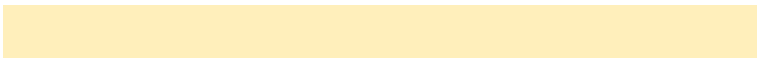
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.2827, 68.9937, 56.5220



68.6081, 63.8657, 48.4497



81.1155, 86.6593, 59.4663



18.4226, 18.8134, 18.8047



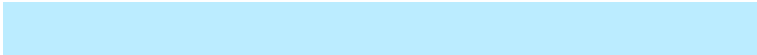
22.8426, 13.6965, 1.4397



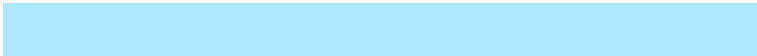
2.3115, 1.5083, 0.1693

Inverse Universe

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



68.5380, 77.7731, 106.0071



64.2833, 73.9722, 105.4977



59.8687, 60.4345, 103.1174



18.1005, 19.5727, 23.0739



18.4910, 21.8915, 52.6855



1.8927, 2.3160, 5.1606

Previews

White Background



This preview shows how the XYZ color 72.2809, 68.9905, 56.5206 looks on a white background.

Color Contrast Check

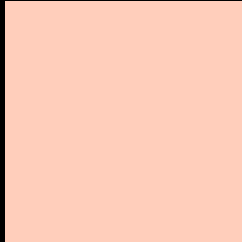
Large Text (above 18pt) WCAG AA × Fail

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 72.2809, 68.9905, 56.5206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

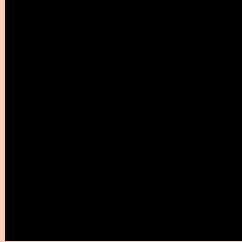
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.2809, 68.9905, 56.5206

Background



This preview shows how black text looks on a background with the XYZ color 72.2809, 68.9905, 56.5206.



This preview shows how white text looks on a background with the XYZ color 72.2809, 68.9905,

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

72.2809, 68.9905, 56.5206

Protanopia

65.4343, 69.0863, 59.7554

Deuteranopia

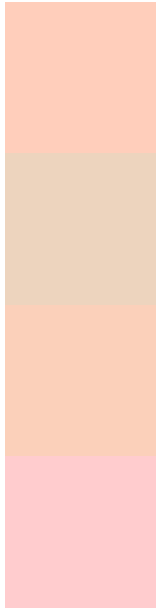
70.3748, 69.1026, 56.0833



Tritanopia

75.1203, 68.9816, 75.0012

Trichromacy



Original Color

72.2809, 68.9905, 56.5206

Protanomaly

67.7628, 68.8092, 58.4252

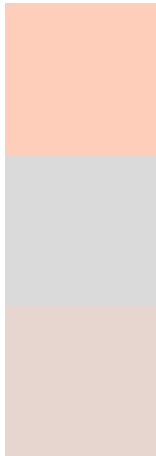
Deuteranomaly

71.2025, 69.1662, 56.0520

Tritanomaly

73.9734, 68.9020, 67.7931

Monochromacy



Original Color

72.2809, 68.9905, 56.5206

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

68.2640, 69.5871, 68.8652

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.2809, 68.9905, 56.5206 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, 206, 187)` looks like.

```
.text, #text, p{  
    color:rgb(255, 206, 187)  
}
```

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, 206, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 206, 187) }
```

Border

The CSS property to change the border of an element to XYZ 72.2809, 68.9905, 56.5206 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, 206, 187) }
```


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

```
.border{ border-color:rgb(255, 206, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 206, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 206, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 206, 187);  
box-shadow:4px 4px 4px 4px rgb(255, 206,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 72.2809, 68.9905, 56.5206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 206, 187) }
```

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

```
.background{ background-color: rgb(255,  
206, 187) }
```

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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