

Converting Colors

XYZ(72.6863, 70.0241, 55.9687)

Have a look what the booklet for
XYZ(72.6863, 70.0241, 55.9687)
contains.

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Color

**XYZ(72.6588, 69.9169,
56.1202)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD0BA
RGB	255, 208, 186
RGB Percent	100%, 82%, 73%
CMY	0.0000, 0.1843, 0.2706
CMYK	0.00, 0.18, 0.27, 0.00
HSL	19°, 100%, 86%
HSV	19°, 27%, 100%
XYZ	72.6588, 69.9169, 56.1202
YIQ	219.5450, 35.0740, 3.1220

Conversions

Conversions Part 2

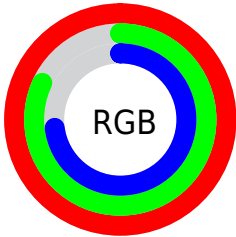
Format	Color
R _Y B	255, 218, 186
Decimal	16765114
CIE Lab	86.96, 13.40, 17.16
CIE LCh	87, 21.770, 52.000
Yxy	69.9169, 0.3657, 0.3519
Android (android.graphics.Color)	4294955194 (0xFFFFD0BA)
YUV	219.5450, -16.5377, 31.0940
Hunter-Lab	83.6163, 8.7798, 18.7382

Details

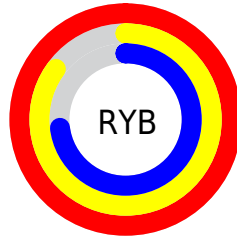
The XYZ color **72.6588, 69.9169, 56.1202** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **67.4377, 75.9346, 105.7102**, and the grayscale version is **67.8064, 71.3376, 77.6866**.

A 20% lighter version of the original color is **93.0270, 99.1908, 98.2471**, and **38.8152, 36.6750, 27.2235** is the 20% darker color. If you saturate the color by 10%, you get **66.1812, 60.9198, 41.7589**, and if you desaturate by 10%, it is **80.0873, 80.0412, 73.1868**.

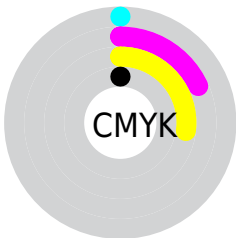
Distribution



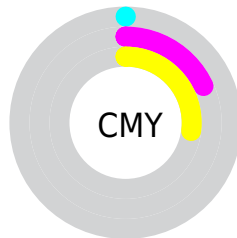
- Red (100%)
- Green (82%)
- Blue (73%)



- Red (100%)
- Yellow (85%)
- Blue (73%)



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




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

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.6588, 69.9169, 56.1202 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 72.6588, 69.9169, 56.1202 by changing the saturation by 10% instead.


 72.6588, 69.9169,
56.1202

 72.6588, 69.9169,
56.1202


458.9535,
460.2582, 427.5454

 53.9844, 51.4588,
39.8947


 121.9985,
119.0902, 100.6678

 38.8198, 36.5739,
27.1433


153.3944,
150.5743, 129.8270

 26.7997, 24.8777,
17.4475


189.7616,
187.1690, 164.1345

 17.5586, 15.9860,
10.3887

231.4654,
229.2590, 204.0089

 10.7313, 9.5142,
5.5485

278.8711,
277.2285, 249.8686

 5.9524, 5.0781,
2.5082

332.3442,

 2.8566, 2.2932,

331.4619, 302.1322

0.8445

392.2498,
392.3437, 361.2183

■ 1.0784, 0.7701,
0.0000

■ 0.0069, 0.0000,
0.0000

■ 72.6588, 69.9169,
56.1202

■ 72.6588, 69.9169,
56.1202

■ 66.1812, 60.9198,
41.7589

■ 80.0873, 80.0412,
73.1868

■ 60.6089, 53.0005,
29.9580

■ 88.4996, 91.3212,
93.0844

■ 55.8996, 46.1194,
20.5657

95.0500, 100.0000,
108.9000

■ 52.0058, 40.2311,
13.4122

■ 48.8743, 35.2862,
8.3052

■ 46.4448, 31.2303,
5.0191

■ 44.6435, 28.0013,
3.2672

■ 44.2065, 27.1930,
2.9188

Harmonies

Analogous

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



75.9406, 69.9169, 66.1097



72.6588, 69.9169, 56.1202



67.8243, 69.9169, 51.6230

Triad

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



72.6588, 69.9169, 56.1202



57.2319, 69.9169, 72.2957



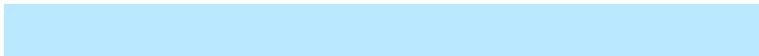
70.1854, 69.9169, 105.1625

Complementary

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



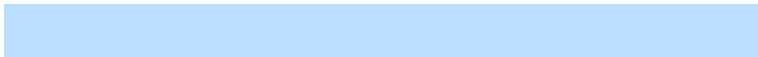
72.6588, 69.9169, 56.1202



67.4377, 75.9346, 105.7102

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.



65.1021, 69.9169, 107.3695



72.6588, 69.9169, 56.1202



57.7922, 69.9169, 87.1097

Square

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



72.6588, 69.9169, 56.1202



59.0412, 69.9169, 60.1526



60.6127, 69.9169, 100.4012



74.4625, 69.9169, 94.7067

Rectangle

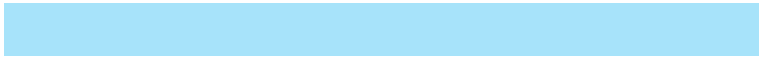
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.6588, 69.9169, 56.1202



64.4412, 69.9169, 51.8855



60.6127, 69.9169, 100.4012



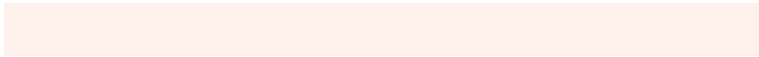
68.5082, 69.9169, 106.9431

Sweetspot

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



72.6605, 69.9201, 56.1216



87.6643, 90.2083, 91.0862



73.5288, 62.2703, 85.3476



18.4822, 18.9325, 18.8246



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.



72.6605, 69.9201, 56.1216



69.3426, 65.3346, 48.6945



81.9596, 88.5182, 59.2213



18.4822, 18.9325, 18.8246



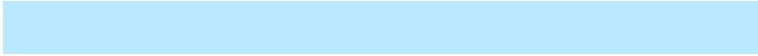
23.2171, 14.4455, 1.5646



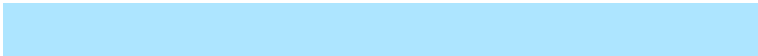
2.3542, 1.5937, 0.1835

Inverse Universe

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



67.4377, 75.9346, 105.7102



63.3850, 72.1756, 105.1983



58.6434, 58.3459, 102.7788



18.0377, 19.4471, 23.0529



17.4485, 19.8065, 52.3380



1.7975, 2.1257, 5.1288

Previews

White Background



This preview shows how the XYZ color 72.6588, 69.9169, 56.1202 looks on a white background.

Color Contrast Check

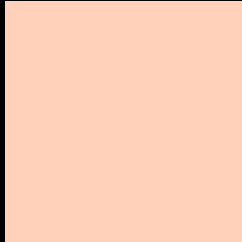
Large Text (above 18pt) WCAG AA × Fail

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 72.6588, 69.9169, 56.1202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

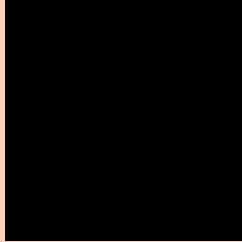
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.6588, 69.9169, 56.1202

Background



This preview shows how black text looks on a background with the XYZ color 72.6588, 69.9169, 56.1202.

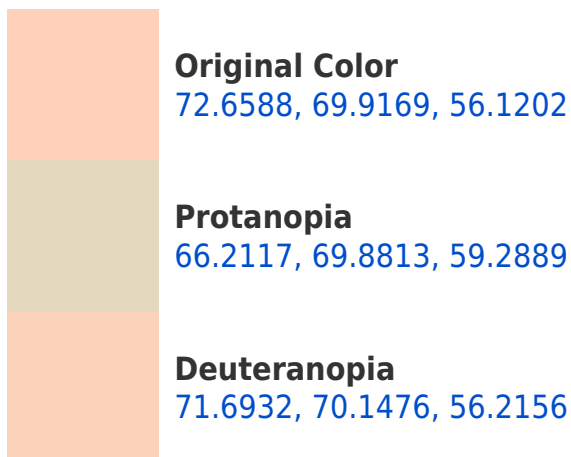


This preview shows how white text looks on a background with the XYZ color 72.6588, 69.9169,

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





Tritanopia

75.8575, 70.0371, 76.5382

Trichromacy



Original Color

72.6588, 69.9169, 56.1202

Protanomaly

68.4918, 69.9444, 58.0348

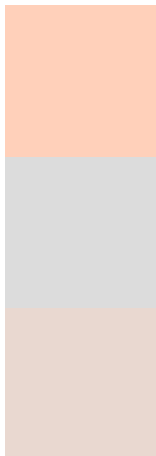
Deuteranomaly

71.8083, 69.8415, 56.1504

Tritanomaly

74.5738, 69.9076, 68.5945

Monochromacy



Original Color

72.6588, 69.9169, 56.1202

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

69.5453, 70.9894, 69.7114

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.6588, 69.9169, 56.1202 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, 208, 186)` looks like.

```
.text, #text, p{  
    color:rgb(255, 208, 186)  
}
```

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, 208, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 208, 186) }
```

Border

The CSS property to change the border of an element to XYZ 72.6588, 69.9169, 56.1202 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, 208, 186) }
```


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

```
.border{ border-color:rgb(255, 208, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 208, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 208, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 208, 186);  
box-shadow:4px 4px 4px 4px rgb(255, 208,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 72.6588, 69.9169, 56.1202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 208, 186) }
```

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

```
.background{ background-color: rgb(255,  
208, 186) }
```

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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