

Converting Colors

XYZ(68.4104, 69.7756, 56.6353)

Have a look what the booklet for
XYZ(68.4104, 69.7756, 56.6353)
contains.

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Color

**XYZ(68.6128, 70.0317,
56.9149)**

Conversions

Conversions Part 1

Format	Color
Hex	EFD6BB
RGB	239, 214, 187
RGB Percent	94%, 84%, 73%
CMY	0.0627, 0.1608, 0.2667
CMYK	0.00, 0.10, 0.22, 0.06
HSL	31°, 62%, 84%
HSV	31°, 22%, 94%
XYZ	68.6128, 70.0317, 56.9149
YIQ	218.3970, 23.5670, -3.0970

Conversions

Conversions Part 2

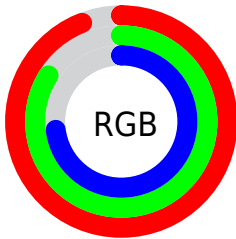
Format	Color
R _Y B	235, 239, 187
Decimal	15718075
CIE Lab	87.01, 4.51, 16.50
CIE LCh	87, 17.105, 74.706
Yxy	70.0317, 0.3509, 0.3581
Android (android.graphics.Color)	4293908155 (0xFFEFD6BB)
YUV	218.3970, -15.4787, 18.0688
Hunter-Lab	83.6849, -0.0975, 18.2558

Details

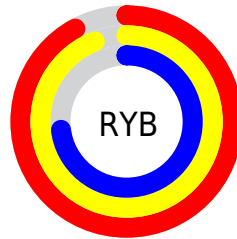
The XYZ color **68.6128, 70.0317, 56.9149** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **59.6166, 63.8822, 90.8501**, and the grayscale version is **67.0083, 70.4979, 76.7723**.

A 20% lighter version of the original color is **93.1777, 99.2511, 99.0404**, and **36.2297, 36.5848, 27.7063** is the 20% darker color. If you saturate the color by 10%, you get **63.4590, 63.4832, 43.6069**, and if you desaturate by 10%, it is **74.4013, 77.1670, 72.5368**.

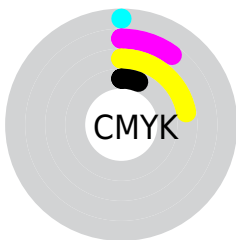
Distribution



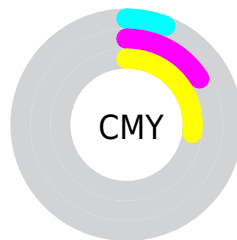
- Red (94%)
- Green (84%)
- Blue (73%)



- Red (92%)
- Yellow (94%)
- Blue (73%)



- Cyan (0%)
- Magenta (10%)
- Yellow (22%)
- Black (6%)




- Cyan (6%)
- Magenta (16%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 68.6128, 70.0317, 56.9149 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 68.6128, 70.0317, 56.9149 by changing the saturation by 10% instead.


 68.6128, 70.0317,
56.9149

 68.6128, 70.0317,
56.9149


445.0069,
460.6613, 430.6152

 50.6719, 51.5524,
40.5280


 116.2655,
119.2540, 101.8401

 36.1676, 36.6484,
27.6336

146.7080,
150.7657, 131.2155

 24.7343, 24.9354,
17.8130


182.0484,
187.3903, 165.7575

 16.0069, 16.0289,
10.6477

222.6521,
229.5123, 205.8846

 9.6199, 9.5446,
5.7193

268.8845,
277.5160, 252.0154

 5.2080, 5.0981,
2.6092

321.1108,

 2.4058, 2.3049,

331.7858, 304.5684

0.8972

379.6965,
392.7061, 363.9621

■ 0.8480, 0.7763,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 68.6128, 70.0317,
56.9149

■ 68.6128, 70.0317,
56.9149

■ 63.4590, 63.4832,
43.6069

■ 74.4013, 77.1670,
72.5368

■ 58.9090, 57.4953,
32.4963

■ 80.8426, 84.8956,
90.5729

■ 54.9375, 52.0532,
23.4625

■ 87.3590, 92.9953,
107.9533

■ 51.5149, 47.1380,
16.3720

■ 89.4068, 97.0908,
108.6359

■ 48.6085, 42.7291,
11.0750

■ 46.1811, 38.8039,
7.3997

■ 44.1887, 35.3369,
5.1397

■ 42.8193, 32.7958,
4.0734

Harmonies

Analogous

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



72.1814, 70.0317, 61.7808



68.6128, 70.0317, 56.9149



64.6292, 70.0317, 56.8668

Triad

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



68.6128, 70.0317, 56.9149



59.3963, 70.0317, 81.9832



72.1225, 70.0317, 93.0068

Complementary

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



68.6128, 70.0317, 56.9149



59.6166, 63.8822, 90.8501

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.



68.5350, 70.0317, 99.6085



68.6128, 70.0317, 56.9149



61.2441, 70.0317, 92.8244

Square

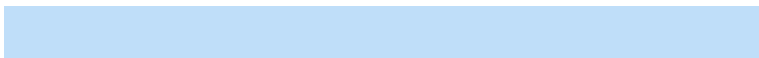
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



68.6128, 70.0317, 56.9149



59.4152, 70.0317, 70.5878



64.5545, 70.0317, 99.5385



74.2623, 70.0317, 82.2126

Rectangle

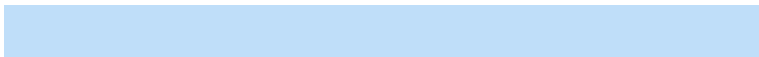
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



68.6128, 70.0317, 56.9149



62.2785, 70.0317, 59.5374



64.5545, 70.0317, 99.5385



71.0397, 70.0317, 95.8356

Sweetspot

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



68.6147, 70.0349, 56.9164



89.6316, 93.5505, 93.5687



65.2681, 58.6524, 70.2574



19.0887, 19.9081, 19.7588



0.0000, 0.0000, 0.0000



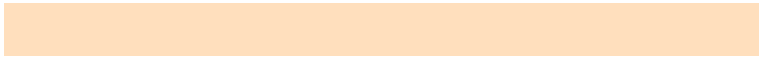
20.3446, 21.4041, 23.3091

Same Dimension

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



68.6147, 70.0349, 56.9164



76.8155, 77.7666, 58.9354



75.1413, 83.5216, 59.1756



16.4519, 17.1169, 16.5865



23.7951, 18.3882, 2.2951



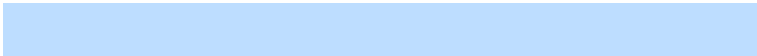
2.0791, 1.7290, 0.2241

Inverse Universe

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



59.6166, 63.8822, 90.8501



64.7047, 69.4860, 104.6096



54.0574, 52.4481, 88.9361



15.5242, 16.4825, 20.0848



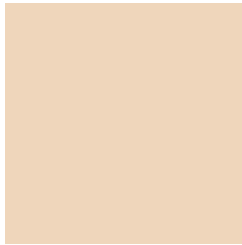
12.1203, 10.4649, 46.5090



1.1074, 1.0688, 3.9021

Previews

White Background



This preview shows how the XYZ color 68.6128, 70.0317, 56.9149 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 68.6128, 70.0317, 56.9149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

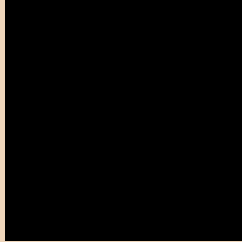
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 68.6128, 70.0317, 56.9149

Background



This preview shows how black text looks on a background with the XYZ color 68.6128, 70.0317, 56.9149.



This preview shows how white text looks on a background with the XYZ color 68.6128, 70.0317,

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

68.6128, 70.0317, 56.9149

Protanopia

66.3113, 69.9578, 58.1523

Deuteranopia

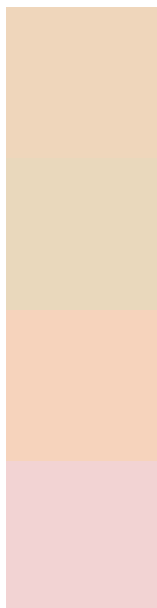
71.5480, 70.0480, 57.3266



Tritanopia

73.6993, 70.2703, 80.9133

Trichromacy



Original Color

68.6128, 70.0317, 56.9149

Protanomaly

67.2372, 70.0662, 57.5573

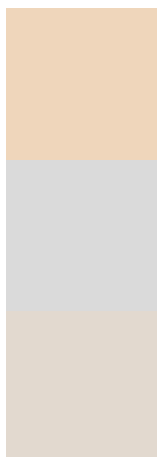
Deuteranomaly

70.3774, 69.8122, 57.3428

Tritanomaly

71.6701, 70.1689, 71.3946

Monochromacy



Original Color

68.6128, 70.0317, 56.9149

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

67.4394, 70.2995, 69.0462

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.6128, 70.0317, 56.9149 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(239, 214, 187)` looks like.

```
.text, #text, p{  
    color:rgb(239, 214, 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(239, 214, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 214, 187) }
```

Border

The CSS property to change the border of an element to XYZ 68.6128, 70.0317, 56.9149 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(239, 214, 187) }
```


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

```
.border{ border-color:rgb(239, 214, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 214, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 214, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 214, 187);  
box-shadow:4px 4px 4px 4px rgb(239, 214,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 68.6128, 70.0317, 56.9149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 214, 187) }
```

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

```
.background{ background-color: rgb(239,  
214, 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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