

Converting Colors

XYZ(69.7819, 70.4670, 56.5045)

Have a look what the booklet for
XYZ(69.7819, 70.4670, 56.5045)
contains.

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Color

**XYZ(69.8716, 70.6930,
56.4169)**

Conversions

Conversions Part 1

Format	Color
Hex	F3D6BA
RGB	243, 214, 186
RGB Percent	95%, 84%, 73%
CMY	0.0471, 0.1608, 0.2706
CMYK	0.00, 0.12, 0.23, 0.05
HSL	29°, 70%, 84%
HSV	29°, 23%, 95%
XYZ	69.8716, 70.6930, 56.4169
YIQ	219.4790, 26.2720, -2.5600

Conversions

Conversions Part 2

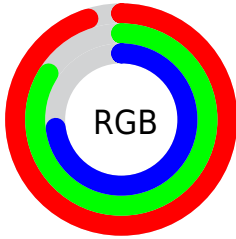
Format	Color
R _Y B	243, 241, 186
Decimal	15980218
CIE Lab	87.34, 5.84, 17.53
CIE LCh	87, 18.476, 71.558
Yxy	70.6930, 0.3547, 0.3589
Android (android.graphics.Color)	4294170298 (0xFFF3D6BA)
YUV	219.4790, -16.5051, 20.6279
Hunter-Lab	84.0791, 1.1989, 19.0719

Details

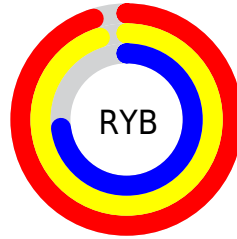
The XYZ color **69.8716, 70.6930, 56.4169** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **60.7272, 65.5092, 94.2381**, and the grayscale version is **67.7646, 71.2936, 77.6387**.

A 20% lighter version of the original color is **93.0270, 99.1908, 98.2471**, and **36.8815, 36.9288, 27.3744** is the 20% darker color. If you saturate the color by 10%, you get **64.4947, 63.7275, 42.9450**, and if you desaturate by 10%, it is **75.9290, 78.3155, 72.2846**.

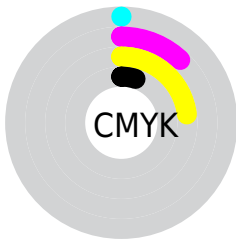
Distribution



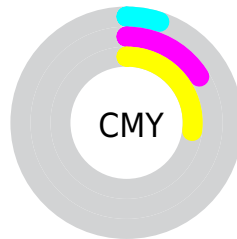
- Red (95%)
- Green (84%)
- Blue (73%)



- Red (95%)
- Yellow (95%)
- Blue (73%)



- Cyan (0%)
- Magenta (12%)
- Yellow (23%)
- Black (5%)





- Cyan (5%)
- Magenta (16%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.8716, 70.6930, 56.4169 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 69.8716, 70.6930, 56.4169 by changing the saturation by 10% instead.


 69.8716, 70.6930,
56.4169

 69.8716, 70.6930,
56.4169


449.3725,
462.9795, 428.6931

 51.7011, 52.0917,
40.1310


 118.0529,
120.1965, 101.1057

 36.9902, 37.0782,
27.3262


148.7944,
151.8675, 130.3458

 25.3735, 25.2680,
17.5837


184.4569,
188.6638, 164.7410

 16.4858, 16.2769,
10.4852

225.4058,
230.9699, 204.7099

 9.9616, 9.7203,
5.6120

272.0065,
279.1701, 250.6710

 5.4356, 5.2139,
2.5457

324.6242,

 2.5424, 2.3733,

333.6488, 303.0429

0.8642

383.6245,
394.7905, 362.2441

■ 0.9167, 0.8121,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 69.8716, 70.6930,
56.4169

■ 69.8716, 70.6930,
56.4169

■ 64.4947, 63.7275,
42.9450

■ 75.9290, 78.3155,
72.2846

■ 59.7652, 57.3900,
31.7457

■ 82.6871, 86.6038,
90.6541

■ 55.6556, 51.6632,
22.6914

■ 89.5373, 95.3248,
108.2881

■ 52.1334, 46.5252,
15.6401

■ 90.7722, 97.7947,
108.6998

■ 49.1629, 41.9524,
10.4321

■ 46.7034, 37.9188,
6.8830

■ 44.7064, 34.3946,
4.7689

■ 43.6056, 32.3414,
3.9443

Harmonies

Analogous

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



73.6447, 70.6930, 62.1544



69.8716, 70.6930, 56.4169



65.5301, 70.6930, 55.8141

Triad

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



69.8716, 70.6930, 56.4169



59.3279, 70.6930, 81.8711



72.8926, 70.6930, 96.3185

Complementary

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



69.8716, 70.6930, 56.4169



60.7272, 65.5092, 94.2381

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.



68.8809, 70.6930, 102.8987



69.8716, 70.6930, 56.4169



61.1269, 70.6930, 93.9767

Square

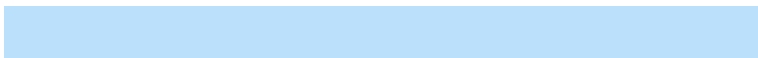
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.8716, 70.6930, 56.4169



59.5674, 70.6930, 69.6429



64.5810, 70.6930, 101.9982



75.4401, 70.6930, 84.7994

Rectangle

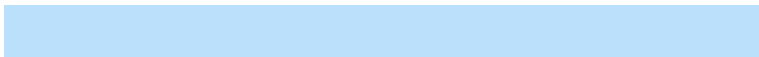
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69.8716, 70.6930, 56.4169



62.9097, 70.6930, 58.3171



64.5810, 70.6930, 101.9982



71.6634, 70.6930, 99.2346

Sweetspot

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



69.8735, 70.6962, 56.4184



89.4794, 93.2461, 93.5179



66.8453, 59.1028, 72.4791



19.0535, 19.8376, 19.7471



0.0000, 0.0000, 0.0000



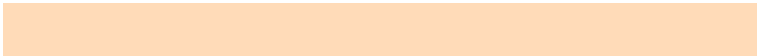
20.3446, 21.4041, 23.3091

Same Dimension

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



69.8735, 70.6962, 56.4184



75.0980, 75.2002, 55.6849



77.5925, 86.1342, 58.9914



17.1714, 17.8270, 17.3335



24.0666, 18.0187, 2.2095



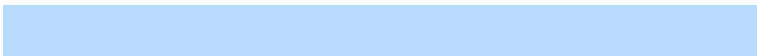
2.2178, 1.7889, 0.2284

Inverse Universe

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



60.7272, 65.5092, 94.2381



63.2937, 68.5054, 104.4947



54.1879, 52.4306, 92.0583



16.2780, 17.3204, 21.0278



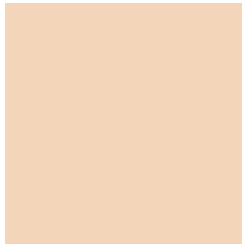
12.9433, 11.6805, 48.1104



1.2405, 1.2323, 4.2627

Previews

White Background



This preview shows how the XYZ color 69.8716, 70.6930, 56.4169 looks on a white background.

Color Contrast Check

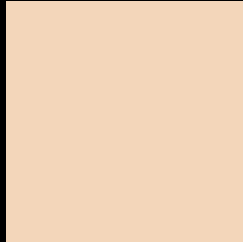
Large Text (above 18pt) WCAG AA × Fail

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 69.8716, 70.6930, 56.4169 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 69.8716, 70.6930, 56.4169

Background



This preview shows how black text looks on a background with the XYZ color 69.8716, 70.6930, 56.4169.



This preview shows how white text looks on a background with the XYZ color 69.8716, 70.6930,

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

69.8716, 70.6930, 56.4169

Protanopia

66.7816, 70.5966, 57.6837

Deuteranopia

72.4088, 70.8718, 56.8770



Tritanopia

74.8579, 70.5045, 80.8974

Trichromacy



Original Color

69.8716, 70.6930, 56.4169

Protanomaly

68.0434, 70.8757, 57.1078

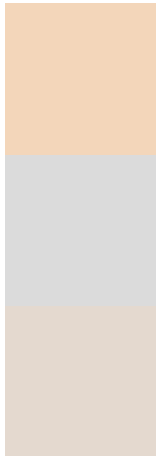
Deuteranomaly

71.5800, 70.8146, 56.9096

Tritanomaly

72.8105, 70.3892, 71.3770

Monochromacy



Original Color

69.8716, 70.6930, 56.4169

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

68.0702, 70.6247, 69.0757

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.8716, 70.6930, 56.4169 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(243, 214, 186)` looks like.

```
.text, #text, p{  
    color:rgb(243, 214, 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(243, 214, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 214, 186) }
```

Border

The CSS property to change the border of an element to XYZ 69.8716, 70.6930, 56.4169 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(243, 214, 186) }
```


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

```
.border{ border-color:rgb(243, 214, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 214, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 214, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 214, 186);  
box-shadow:4px 4px 4px 4px rgb(243, 214,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 69.8716, 70.6930, 56.4169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 214, 186) }
```

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

```
.background{ background-color: rgb(243,  
214, 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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