

Converting Colors

XYZ(68.2082, 69.7311, 46.3886)

Have a look what the booklet for
XYZ(68.2082, 69.7311, 46.3886)
contains.

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Color

**XYZ(68.0775, 69.6116,
46.4075)**

Conversions

Conversions Part 1

Format	Color
Hex	F4D5A7
RGB	244, 213, 167
RGB Percent	96%, 84%, 65%
CMY	0.0431, 0.1647, 0.3451
CMYK	0.00, 0.13, 0.32, 0.04
HSL	36°, 78%, 81%
HSV	36°, 32%, 96%
XYZ	68.0775, 69.6116, 46.4075
YIQ	217.0250, 33.2420, -7.7340

Conversions

Conversions Part 2

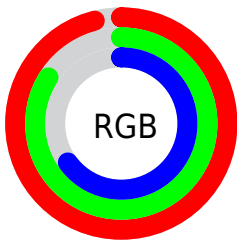
Format	Color
R_{YB}	219, 244, 167
Decimal	16045479
CIE _{Lab}	86.81, 4.23, 26.74
CIE _{LCh}	87, 27.072, 81.007
Yxy	69.6116, 0.3698, 0.3781
Android (android.graphics.Color)	4294235559 (0xFFFF4D5A7)
YUV	217.0250, -24.6623, 23.6571
Hunter-Lab	83.4336, -0.3619, 25.4252

Details

The XYZ color **68.0775, 69.6116, 46.4075** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **52.4590, 55.1336, 93.4650**, and the grayscale version is **66.1197, 69.5631, 75.7542**.

A 20% lighter version of the original color is **90.1848, 98.0539, 83.2803**, and **35.8149, 36.2563, 21.3302** is the 20% darker color. If you saturate the color by 10%, you get **63.6356, 64.0033, 34.8286**, and if you desaturate by 10%, it is **73.0982, 75.6958, 60.2805**.

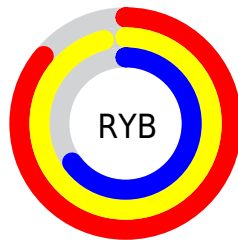
Distribution



Red (96%)

Green (84%)

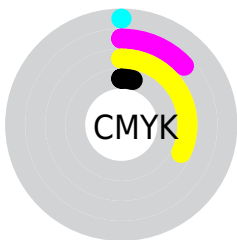
Blue (65%)



Red (86%)

Yellow (96%)

Blue (65%)

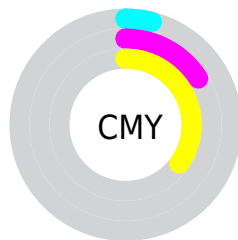


Cyan (0%)

Magenta (13%)

Yellow (32%)

Black (4%)



Cyan (4%)

Magenta (16%)

Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 68.0775, 69.6116, 46.4075 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 68.0775, 69.6116, 46.4075 by changing the saturation by 10% instead.


 68.0775, 69.6116,
46.4075


 68.0775, 69.6116,
46.4075


443.1430,
459.1851, 388.7696

 50.2347, 51.2100,
32.2165


 115.5043,
118.6547, 86.1692

 35.8185, 36.3757,
21.2607


 145.8190,
150.0650, 112.5771

 24.4635, 24.7245,
13.1216


181.0217,
186.5802, 143.8942

 15.8044, 15.8719,
7.3806

221.4778,
228.5848, 180.5393

 9.4758, 9.4336,
3.6192

267.5526,
276.4632, 222.9309

 5.1124, 5.0251,
1.4189

319.6115,

 2.3488, 2.2620,

330.5998, 271.4874

0.1564

378.0199,
391.3790, 326.6275

■ 0.8195, 0.7535,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 68.0775, 69.6116,
46.4075

■ 68.0775, 69.6116,
46.4075

■ 63.6356, 64.0033,
34.8286

■ 73.0982, 75.6958,
60.2805

■ 59.7406, 58.8465,
25.4123

■ 78.7171, 82.2603,
76.5605

■ 56.3651, 54.1283,
18.0202

■ 84.9590, 89.3215,
95.3583

■ 53.4769, 49.8316,
12.4958

■ 90.2607, 96.2580,
108.4302

■ 51.0391, 45.9369,
8.6595

■ 91.1183, 97.9731,
108.7160

■ 49.0081, 42.4221,
6.2955

■ 47.5538, 39.7241,
5.1612

Harmonies

Analogous

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



74.0911, 69.6116, 51.8805



68.0775, 69.6116, 46.4075



61.9112, 69.6116, 47.7772

Triad

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



68.0775, 69.6116, 46.4075



55.4766, 69.6116, 88.9388



76.0432, 69.6116, 99.8152

Complementary

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



68.0775, 69.6116, 46.4075



52.4590, 55.1336, 93.4650

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.



70.6066, 69.6116, 113.0585



68.0775, 69.6116, 46.4075



58.8230, 69.6116, 106.1182

Square

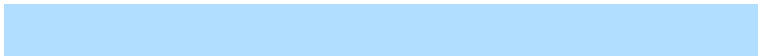
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



68.0775, 69.6116, 46.4075



54.8946, 69.6116, 70.4949



64.2862, 69.6116, 115.5321



78.8783, 69.6116, 81.3547

Rectangle

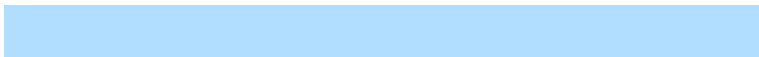
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



68.0775, 69.6116, 46.4075



58.5217, 69.6116, 52.4920



64.2862, 69.6116, 115.5321



74.4436, 69.6116, 105.1396

Sweetspot

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



68.0793, 69.6148, 46.4089



88.6960, 92.8559, 89.6294



61.4459, 50.9987, 60.6894



18.7762, 19.6369, 18.5640



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.



68.0793, 69.6148, 46.4089



71.9748, 72.8413, 42.6592



74.4462, 85.5967, 49.1582



17.3225, 18.1292, 17.3839



25.9946, 21.8747, 2.8522



2.3852, 2.1237, 0.2842

Inverse Universe

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



52.4590, 55.1336, 93.4650



52.1603, 54.4794, 102.3742



47.4744, 43.1018, 91.4053



16.1287, 17.0217, 20.9780



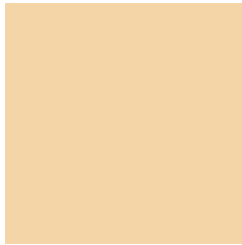
11.3903, 8.5743, 47.5927



1.0990, 0.9494, 4.2156

Previews

White Background



This preview shows how the XYZ color 68.0775, 69.6116, 46.4075 looks on a white background.

Color Contrast Check

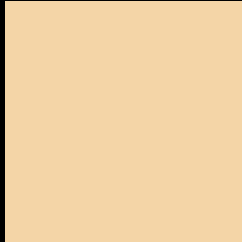
Large Text (above 18pt) WCAG AA × Fail

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 68.0775, 69.6116, 46.4075 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

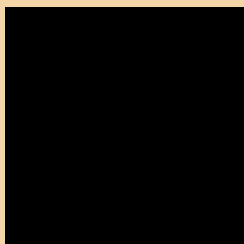
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 68.0775, 69.6116, 46.4075

Background



This preview shows how black text looks on a background with the XYZ color 68.0775, 69.6116, 46.4075.



This preview shows how white text looks on a background with the XYZ color 68.0775, 69.6116,

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

68.0775, 69.6116, 46.4075

Protanopia

65.2530, 69.6461, 47.5400

Deuteranopia

71.1083, 69.6881, 46.7491



Tritanopia

74.6805, 69.7405, 78.6324

Trichromacy



Original Color

68.0775, 69.6116, 46.4075

Protanomaly

66.2158, 69.7718, 47.0231

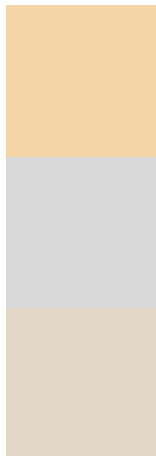
Deuteranomaly

69.8981, 69.4296, 46.7630

Tritanomaly

72.1725, 69.8217, 65.5501

Monochromacy



Original Color

68.0775, 69.6116, 46.4075

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

66.5432, 69.5661, 63.9532

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.0775, 69.6116, 46.4075 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(244, 213, 167)` looks like.

```
.text, #text, p{  
    color:rgb(244, 213, 167)  
}
```

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(244, 213, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 213, 167) }
```

Border

The CSS property to change the border of an element to XYZ 68.0775, 69.6116, 46.4075 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(244, 213, 167) }
```


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

```
.border{ border-color:rgb(244, 213, 167) }
```

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

Here you see how a box with a 4 pixel rgb(244, 213, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 213, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 213, 167);  
box-shadow:4px 4px 4px 4px rgb(244, 213,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 68.0775, 69.6116, 46.4075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 213, 167) }
```

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

```
.background{ background-color: rgb(244,  
213, 167) }
```

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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