

Converting Colors

XYZ(164.7420, 119.6264,
50.4410)

Have a look what the booklet for
XYZ(164.7420, 119.6264, 50.4410)
contains.

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Color

**XYZ(71.9172, 71.6017,
46.1065)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD5A6
RGB	255, 213, 166
RGB Percent	100%, 84%, 65%
CMY	0.0000, 0.1647, 0.3490
CMYK	0.00, 0.16, 0.35, 0.00
HSL	32°, 100%, 83%
HSV	32°, 35%, 100%
XYZ	71.9172, 71.6017, 46.1065
YIQ	220.2000, 40.1190, -5.7130

Conversions

Conversions Part 2

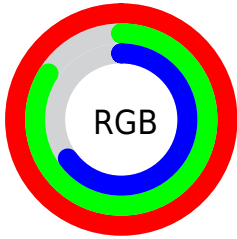
Format	Color
R _Y B	246, 255, 166
Decimal	16766374
CIE Lab	87.78, 8.31, 28.74
CIE LCh	88, 29.915, 73.880
Yxy	71.6017, 0.3793, 0.3776
Android (android.graphics.Color)	4294956454 (0xFFFFD5A6)
YUV	220.2000, -26.7206, 30.5196
Hunter-Lab	84.6178, 3.6272, 26.9265

Details

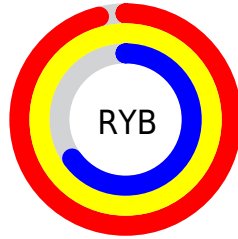
The XYZ color **71.9172, 71.6017, 46.1065** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **56.3311, 60.4367, 103.3042**, and the grayscale version is **68.3299, 71.8884, 78.2864**.

A 20% lighter version of the original color is **90.0511, 98.0005, 82.5764**, and **38.2901, 37.5389, 21.1472** is the 20% darker color. If you saturate the color by 10%, you get **66.8914, 64.9297, 34.0126**, and if you desaturate by 10%, it is **77.6350, 78.9150, 60.7207**.

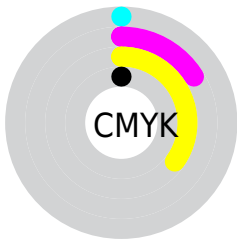
Distribution



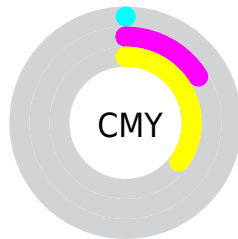
- Red (100%)
- Green (84%)
- Blue (65%)



- Red (96%)
- Yellow (100%)
- Blue (65%)



- Cyan (0%)
- Magenta (16%)
- Yellow (35%)
- Black (0%)




- Cyan (0%)
- Magenta (16%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.9172, 71.6017, 46.1065 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 71.9172, 71.6017, 46.1065 by changing the saturation by 10% instead.


 71.9172, 71.6017,
46.1065


 71.9172, 71.6017,
46.1065


456.4155,
466.1541, 387.5267

 53.3763, 52.8334,
31.9806


 120.9502,
121.4901, 85.7143

 38.3319, 37.6698,
21.0820

 152.1731,
153.3789, 112.0333

 26.4188, 25.7265,
12.9921


188.3539,
190.4101, 143.2538

 17.2715, 16.6191,
7.2925

229.8581,
232.9679, 179.7942

 10.5248, 9.9633,
3.5645

277.0509,
281.4368, 222.0732

 5.8132, 5.3746,
1.3896

330.2979,

 2.7714, 2.4687,

336.2012, 270.5092

0.1336

389.9643,
397.6455, 325.5209

■ 1.0341, 0.8609,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 71.9172, 71.6017,
46.1065

■ 71.9172, 71.6017,
46.1065

■ 66.8914, 64.9297,
34.0126

■ 77.6350, 78.9150,
60.7207

■ 62.5198, 58.8682,
24.2878

■ 84.0693, 86.8792,
77.9854

■ 58.7687, 53.3985,
16.7716

■ 91.2500, 95.5160,
98.0273

■ 55.5986, 48.4965,
11.2812

95.0500, 100.0000,
108.9000

■ 52.9640, 44.1353,
7.6039

■ 50.8101, 40.2840,
5.4784

■ 49.8592, 38.4985,
4.8031

Harmonies

Analogous

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



78.3790, 71.6017, 53.8771



71.9172, 71.6017, 46.1065



64.8322, 71.6017, 45.8282

Triad

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



71.9172, 71.6017, 46.1065



55.6419, 71.6017, 87.7237



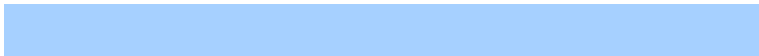
77.9649, 71.6017, 109.6813

Complementary

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



71.9172, 71.6017, 46.1065



56.3311, 60.4367, 103.3042

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.



71.3835, 71.6017, 122.4192



71.9172, 71.6017, 46.1065



58.6803, 71.6017, 108.3293

Square

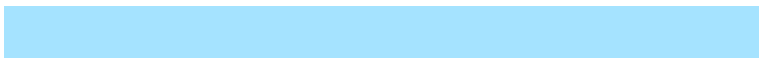
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.9172, 71.6017, 46.1065



55.7629, 71.6017, 67.6009



64.3341, 71.6017, 121.8853



82.0331, 71.6017, 89.3313

Rectangle

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



71.9172, 71.6017, 46.1065



60.7241, 71.6017, 49.7953



64.3341, 71.6017, 121.8853



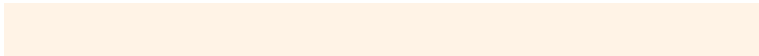
75.9540, 71.6017, 115.1413

Sweetspot

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



71.9190, 71.6050, 46.1080



87.4938, 91.0271, 87.4539



66.3874, 53.1375, 67.0906



18.5131, 19.2254, 18.1228



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.



71.9190, 71.6050, 46.1080



68.2810, 66.8021, 37.2708



83.3395, 95.2530, 50.0706



18.8035, 19.5752, 18.9317



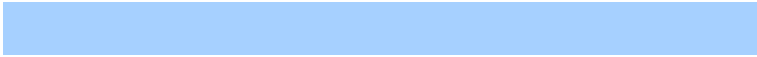
26.2034, 20.4180, 2.5600



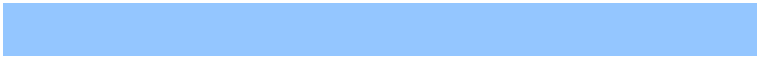
2.6608, 2.2069, 0.2857

Inverse Universe

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



56.3311, 60.4367, 103.3042



50.5383, 54.0938, 102.3852



47.7257, 42.7616, 100.3461



17.7098, 18.7912, 22.9436



13.1080, 11.1256, 50.8912



1.3846, 1.2999, 4.9912

Previews

White Background



This preview shows how the XYZ color 71.9172, 71.6017, 46.1065 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 71.9172, 71.6017, 46.1065 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

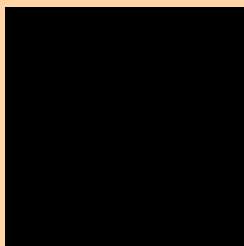
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.9172, 71.6017, 46.1065

Background



This preview shows how black text looks on a background with the XYZ color 71.9172, 71.6017, 46.1065.



This preview shows how white text looks on a background with the XYZ color 71.9172, 71.6017,

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

71.9172, 71.6017, 46.1065

Protanopia

67.0156, 71.7131, 47.8460

Deuteranopia

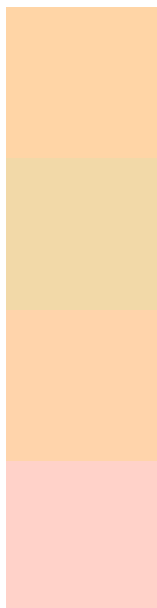
72.4235, 71.4030, 50.0094



Tritanopia

76.8470, 71.5922, 78.1750

Trichromacy



Original Color

71.9172, 71.6017, 46.1065

Protanomaly

68.4987, 71.3301, 47.2036

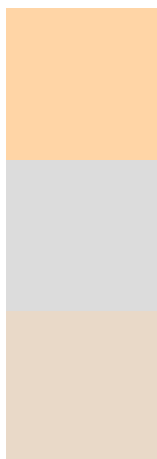
Deuteranomaly

72.1342, 71.2872, 48.4860

Tritanomaly

74.8292, 71.5702, 65.1289

Monochromacy



Original Color

71.9172, 71.6017, 46.1065

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

68.8425, 71.1195, 64.7426

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.9172, 71.6017, 46.1065 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, 213, 166)` looks like.

```
.text, #text, p{  
    color:rgb(255, 213, 166)  
}
```

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, 213, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 213, 166) }
```

Border

The CSS property to change the border of an element to XYZ 71.9172, 71.6017, 46.1065 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, 213, 166) }
```


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

```
.border{ border-color:rgb(255, 213, 166) }
```

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

Here you see how a box with a 4 pixel rgb(255, 213, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 213, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 213, 166);  
box-shadow:4px 4px 4px 4px rgb(255, 213,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 71.9172, 71.6017, 46.1065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 213, 166) }
```

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

```
.background{ background-color: rgb(255,  
213, 166) }
```

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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