

Converting Colors

XYZ(127.8365, 100.0000,
48.4075)

Have a look what the booklet for
XYZ(127.8365, 100.0000, 48.4075)
contains.

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Color

**XYZ(71.6664, 71.1001,
46.0229)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD4A6
RGB	255, 212, 166
RGB Percent	100%, 83%, 65%
CMY	0.0000, 0.1686, 0.3490
CMYK	0.00, 0.17, 0.35, 0.00
HSL	31°, 100%, 83%
HSV	31°, 35%, 100%
XYZ	71.6664, 71.1001, 46.0229
YIQ	219.6130, 40.3940, -5.1900

Conversions

Conversions Part 2

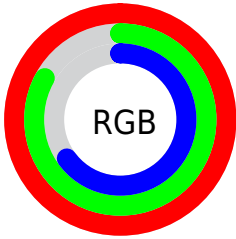
Format	Color
R_{YB}	249, 255, 166
Decimal	16766118
CIE _{Lab}	87.53, 8.82, 28.41
CIE _{LCh}	88, 29.749, 72.748
Yxy	71.1001, 0.3796, 0.3766
Android (android.graphics.Color)	4294956198 (0xFFFFD4A6)
YUV	219.6130, -26.4312, 31.0344
Hunter-Lab	84.3209, 4.1500, 26.6637

Details

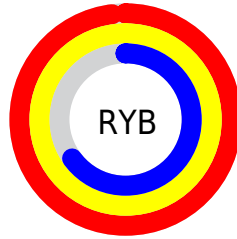
The XYZ color **71.6664, 71.1001, 46.0229** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **56.5757, 60.9260, 103.3858**, and the grayscale version is **67.9179, 71.4549, 77.8144**.

A 20% lighter version of the original color is **90.0511, 98.0005, 82.5764**, and **38.1202, 37.1992, 21.0906** is the 20% darker color. If you saturate the color by 10%, you get **66.5928, 64.3323, 33.9130**, and if you desaturate by 10%, it is **77.4424, 78.5299, 60.6565**.

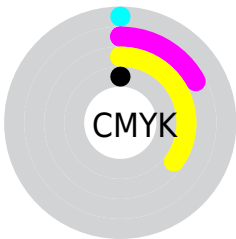
Distribution



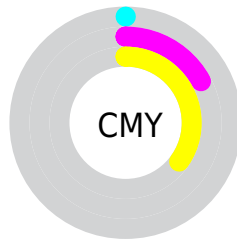
- Red (100%)
- Green (83%)
- Blue (65%)



- Red (98%)
- Yellow (100%)
- Blue (65%)



- Cyan (0%)
- Magenta (17%)
- Yellow (35%)
- Black (0%)




- Cyan (0%)
- Magenta (17%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.6664, 71.1001, 46.0229 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 71.6664, 71.1001, 46.0229 by changing the saturation by 10% instead.


 71.6664, 71.1001,
46.0229


 71.6664, 71.1001,
46.0229


455.5553,
464.4033, 387.1810

 53.1707, 52.4239,
31.9151


 120.5955,
120.7762, 85.5879

 38.1671, 37.3431,
21.0324


 151.7596,
152.5450, 111.8822

 26.2902, 25.4732,
12.9562

187.8772,
189.4467, 143.0757

 17.1747, 16.4300,
7.2680

229.3137,
231.8657, 179.5871

 10.4552, 9.8289,
3.5493

276.4344,
280.1865, 221.8347

 5.7664, 5.2857,
1.3815

329.6046,

 2.7428, 2.4158,

334.7934, 270.2372

0.1272

389.1898,
396.0709, 325.2131

■ 1.0193, 0.8340,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 71.6664, 71.1001,
46.0229

■ 71.6664, 71.1001,
46.0229

■ 66.5928, 64.3323,
33.9130

■ 77.4424, 78.5299,
60.6565

■ 62.1833, 58.1953,
24.1756

■ 83.9458, 86.6321,
77.9442

■ 58.4041, 52.6693,
16.6500

■ 91.2066, 95.4291,
98.0128

■ 55.2151, 47.7294,
11.1533

95.0500, 100.0000,
108.9000

■ 52.5704, 43.3480,
7.4727

■ 50.4147, 39.4931,
5.3466

■ 49.4660, 37.7119,
4.6720

Harmonies

Analogous

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



77.9968, 71.1001, 54.0035



71.6664, 71.1001, 46.0229



64.6399, 71.1001, 45.4685

Triad

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



71.6664, 71.1001, 46.0229



55.2353, 71.1001, 86.2748



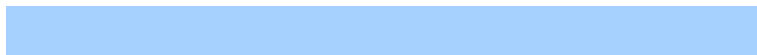
77.1734, 71.1001, 109.4594

Complementary

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



71.6664, 71.1001, 46.0229



56.5757, 60.9260, 103.3858

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.



70.6048, 71.1001, 121.6360



71.6664, 71.1001, 46.0229



58.1319, 71.1001, 106.7722

Square

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



71.6664, 71.1001, 46.0229



55.4760, 71.1001, 66.4950



63.6491, 71.1001, 120.5752



81.3244, 71.1001, 89.4716

Rectangle

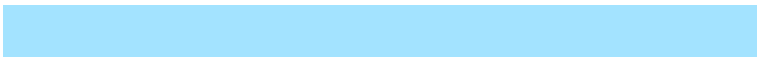
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.6664, 71.1001, 46.0229



60.5282, 71.1001, 49.2122



63.6491, 71.1001, 120.5752



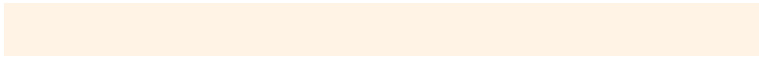
75.1561, 71.1001, 114.7454

Sweetspot

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



71.6682, 71.1034, 46.0243



87.4081, 90.8557, 87.4253



66.3874, 53.1375, 67.0906



18.4924, 19.1840, 18.1159



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.



71.6682, 71.1034, 46.0243



67.9951, 66.2305, 37.1755



83.3395, 95.2530, 50.0705



18.7860, 19.5403, 18.9258



25.9974, 20.0060, 2.4913



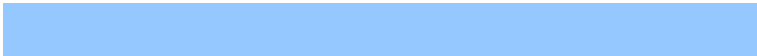
2.6407, 2.1667, 0.2790

Inverse Universe

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



56.5757, 60.9260, 103.3858



50.8153, 54.6478, 102.4776



47.7256, 42.7616, 100.3461



17.7272, 18.8260, 22.9494



13.2925, 11.4946, 50.9527



1.4030, 1.3367, 4.9973

Previews

White Background



This preview shows how the XYZ color 71.6664, 71.1001, 46.0229 looks on a white background.

Color Contrast Check

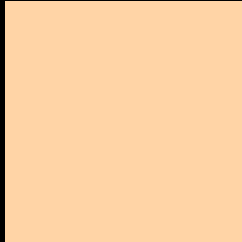
Large Text (above 18pt) WCAG AA × Fail

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 71.6664, 71.1001, 46.0229 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 71.6664, 71.1001, 46.0229

Background



This preview shows how black text looks on a background with the XYZ color 71.6664, 71.1001, 46.0229.



This preview shows how white text looks on a background with the XYZ color 71.6664, 71.1001,

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

71.6664, 71.1001, 46.0229

Protanopia

66.4246, 71.0200, 47.7434

Deuteranopia

72.2299, 71.3255, 48.9900



Tritanopia

76.4711, 71.0530, 77.3943

Trichromacy



Original Color

71.6664, 71.1001, 46.0229

Protanomaly

68.2417, 70.8161, 47.1179

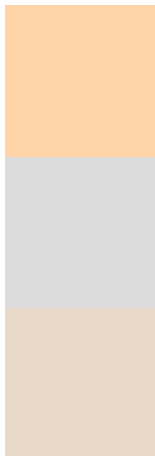
Deuteranomaly

72.0392, 71.2492, 47.9858

Tritanomaly

74.4658, 71.0311, 64.4292

Monochromacy



Original Color

71.6664, 71.1001, 46.0229

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 71.6664, 71.1001, 46.0229 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, 212, 166)` looks like.

```
.text, #text, p{  
    color:rgb(255, 212, 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, 212, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 212, 166) }
```

Border

The CSS property to change the border of an element to XYZ 71.6664, 71.1001, 46.0229 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, 212, 166) }
```


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

```
.border{ border-color:rgb(255, 212, 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, 212, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 212, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 212, 166);  
box-shadow:4px 4px 4px 4px rgb(255, 212,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 71.6664, 71.1001, 46.0229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 212, 166) }
```

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

```
.background{ background-color: rgb(255,  
212, 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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