

Converting Colors

XYZ(71.5669, 71.3257, 44.6805)

Have a look what the booklet for
XYZ(71.5669, 71.3257, 44.6805)
contains.

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Color

**XYZ(71.6451, 71.4928,
44.6737)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD5A3
RGB	255, 213, 163
RGB Percent	100%, 84%, 64%
CMY	0.0000, 0.1647, 0.3608
CMYK	0.00, 0.16, 0.36, 0.00
HSL	33°, 100%, 82%
HSV	33°, 36%, 100%
XYZ	71.6451, 71.4928, 44.6737
YIQ	219.8580, 41.0820, -6.6460

Conversions

Conversions Part 2

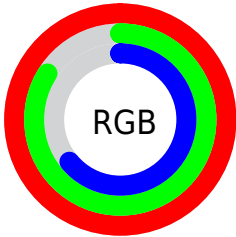
Format	Color
R _Y B	240, 255, 163
Decimal	16766371
CIE Lab	87.72, 7.96, 30.22
CIE LCh	88, 31.250, 75.248
Yxy	71.4928, 0.3815, 0.3807
Android (android.graphics.Color)	4294956451 (0xFFFFD5A3)
YUV	219.8580, -28.0310, 30.8195
Hunter-Lab	84.5534, 3.2809, 27.8616

Details

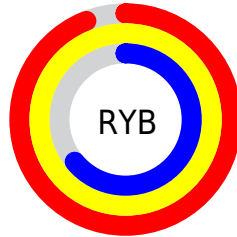
The XYZ color **71.6451, 71.4928, 44.6737** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **54.9849, 58.6672, 103.0336**, and the grayscale version is **68.0992, 71.6457, 78.0222**.

A 20% lighter version of the original color is **89.6549, 97.8420, 80.4897**, and **38.1221, 37.4717, 20.2624** is the 20% darker color. If you saturate the color by 10%, you get **66.7637, 65.0250, 32.8884**, and if you desaturate by 10%, it is **77.2010, 78.5718, 58.9581**.

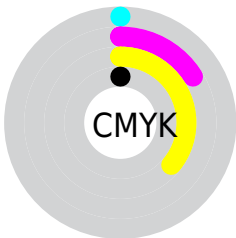
Distribution



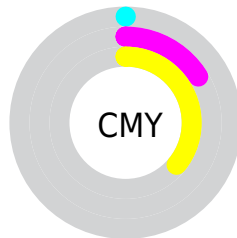
- Red (100%)
- Green (84%)
- Blue (64%)



- Red (94%)
- Yellow (100%)
- Blue (64%)



- Cyan (0%)
- Magenta (16%)
- Yellow (36%)
- Black (0%)





- Cyan (0%)
- Magenta (16%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.6451, 71.4928, 44.6737 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 71.6451, 71.4928, 44.6737 by changing the saturation by 10% instead.


 71.6451, 71.4928,
44.6737


 71.6451, 71.4928,
44.6737


455.4822,
465.7743, 381.5719

 53.1532, 52.7445,
30.8594


 120.5654,
121.3352, 83.5438

 38.1531, 37.5988,
20.2343


 151.7245,
153.1979, 109.4367

 26.2793, 25.6715,
12.3797


187.8367,
190.2010, 140.1929

 17.1665, 16.5780,
6.8771

229.2674,
232.7288, 176.2309

 10.4493, 9.9341,
3.3081

276.3820,
281.1656, 217.9692

 5.7624, 5.3553,
1.2540

329.5457,

 2.7404, 2.4572,

335.8958, 265.8265

0.0237

389.1240,
397.3039, 320.2212

■ 1.0180, 0.8551,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 71.6451, 71.4928,
44.6737

■ 71.6451, 71.4928,
44.6737

■ 66.7637, 65.0250,
32.8884

■ 77.2010, 78.5718,
58.9581

■ 62.5191, 59.1386,
23.4496

■ 83.4557, 86.2708,
75.8729

■ 58.8777, 53.8154,
16.1947

■ 90.4388, 94.6108,
95.5457

■ 55.8000, 49.0323,
10.9383

95.0500, 100.0000,
108.9000

■ 53.2402, 44.7630,
7.4635

■ 51.1425, 40.9772,
5.5011

■ 50.4151, 39.6103,
4.9884

Harmonies

Analogous

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



78.4854, 71.4928, 52.3110



71.6451, 71.4928, 44.6737



64.2729, 71.4928, 44.7368

Triad

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



71.6451, 71.4928, 44.6737



55.1106, 71.4928, 89.0764



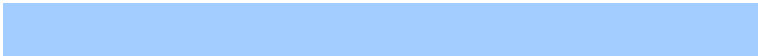
78.5813, 71.4928, 110.2537

Complementary

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



71.6451, 71.4928, 44.6737



54.9849, 58.6672, 103.0336

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.



71.7684, 71.4928, 124.2256



71.6451, 71.4928, 44.6737



58.4055, 71.4928, 110.5686

Square

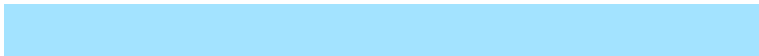
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.6451, 71.4928, 44.6737



55.0829, 71.4928, 67.9076



64.3876, 71.4928, 124.3504



82.6834, 71.4928, 88.7041

Rectangle

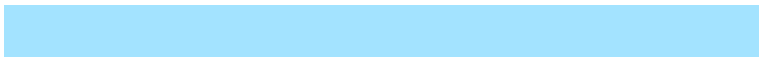
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.6451, 71.4928, 44.6737



60.0558, 71.4928, 49.0468



64.3876, 71.4928, 124.3504



76.5112, 71.4928, 116.1521

Sweetspot

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



71.6469, 71.4961, 44.6752



86.9088, 90.4244, 85.5099



65.4701, 51.9081, 64.9193



18.4007, 19.1137, 17.7368



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.



71.6469, 71.4961, 44.6752



68.1970, 66.9534, 36.2587



82.4918, 94.8474, 48.6108



18.8275, 19.6232, 18.9397



26.4942, 20.9997, 2.6570



2.6889, 2.2632, 0.2951

Inverse Universe

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



54.9849, 58.6672, 103.0336



49.3939, 52.4818, 102.1344



46.8878, 41.5295, 100.1525



17.6861, 18.7437, 22.9357



12.8639, 10.6374, 50.8098



1.3601, 1.2509, 4.9830

Previews

White Background



This preview shows how the XYZ color 71.6451, 71.4928, 44.6737 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 71.6451, 71.4928, 44.6737 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 71.6451, 71.4928, 44.6737

Background



This preview shows how black text looks on a background with the XYZ color 71.6451, 71.4928, 44.6737.



This preview shows how white text looks on a background with the XYZ color 71.6451, 71.4928,

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

71.6451, 71.4928, 44.6737

Protanopia

67.0682, 71.7724, 46.3950

Deuteranopia

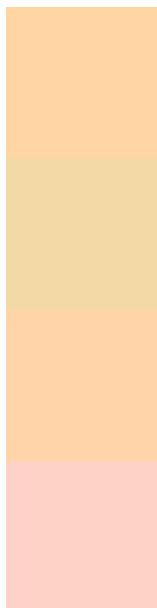
72.2299, 71.3255, 48.9900



Tritanopia

76.8470, 71.5922, 78.1750

Trichromacy



Original Color

71.6451, 71.4928, 44.6737

Protanomaly

68.5665, 71.3970, 45.7645

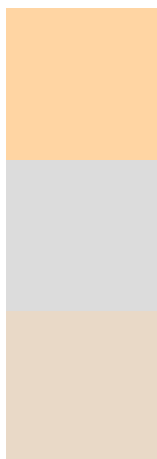
Deuteranomaly

71.9449, 71.2115, 47.4894

Tritanomaly

74.7119, 71.5233, 64.5112

Monochromacy



Original Color

71.6451, 71.4928, 44.6737

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

68.7259, 71.0729, 64.1290

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.6451, 71.4928, 44.6737 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, 163)` looks like.

```
.text, #text, p{  
    color:rgb(255, 213, 163)  
}
```

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, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 213, 163) }
```

Border

The CSS property to change the border of an element to XYZ 71.6451, 71.4928, 44.6737 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, 163) }
```


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

```
.border{ border-color:rgb(255, 213, 163) }
```

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, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 213, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 213, 163);  
box-shadow:4px 4px 4px 4px rgb(255, 213,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 71.6451, 71.4928, 44.6737 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, 163) }
```

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

```
.background{ background-color: rgb(255,  
213, 163) }
```

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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