

Converting Colors

XYZ(72.9118, 73.6275, 46.3249)

Have a look what the booklet for
XYZ(72.9118, 73.6275, 46.3249)
contains.

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Color

**XYZ(72.9358, 73.6389,
46.4460)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD9A6
RGB	255, 217, 166
RGB Percent	100%, 85%, 65%
CMY	0.0000, 0.1490, 0.3490
CMYK	0.00, 0.15, 0.35, 0.00
HSL	34°, 100%, 83%
HSV	34°, 35%, 100%
XYZ	72.9358, 73.6389, 46.4460
YIQ	222.5480, 39.0190, -7.8050

Conversions

Conversions Part 2

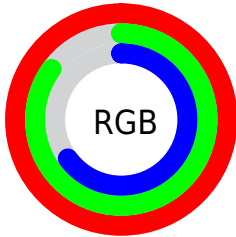
Format	Color
R _Y B	232, 255, 166
Decimal	16767398
CIE Lab	88.75, 6.24, 30.05
CIE LCh	89, 30.694, 78.262
Yxy	73.6389, 0.3779, 0.3815
Android (android.graphics.Color)	4294957478 (0xFFFFD9A6)
YUV	222.5480, -27.8782, 28.4604
Hunter-Lab	85.8131, 1.5409, 27.9787

Details

The XYZ color **72.9358, 73.6389, 46.4460** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **55.3681, 58.5108, 102.9832**, and the grayscale version is **69.9922, 73.6373, 80.1910**.

A 20% lighter version of the original color is **90.0511, 98.0005, 82.5764**, and **38.9836, 38.9259, 21.3784** is the 20% darker color. If you saturate the color by 10%, you get **68.1111, 67.3689, 34.4191**, and if you desaturate by 10%, it is **78.4132, 80.4714, 60.9801**.

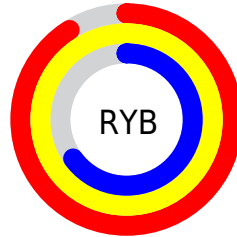
Distribution



Red (100%)

Green (85%)

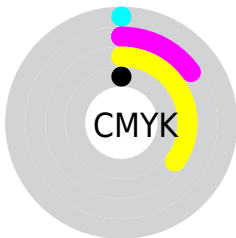
Blue (65%)



Red (91%)

Yellow (100%)

Blue (65%)

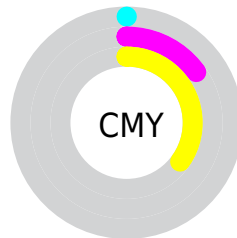


Cyan (0%)

Magenta (15%)

Yellow (35%)

Black (0%)



Cyan (0%)


Magenta (15%)

Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.9358, 73.6389, 46.4460 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 72.9358, 73.6389, 46.4460 by changing the saturation by 10% instead.


 72.9358, 73.6389,
46.4460


 72.9358, 73.6389,
46.4460

459.8995,
473.2262, 388.9284

 54.2117, 54.4985,
32.2467


 122.3897,
124.3838, 86.2274

 39.0022, 39.0004,
21.2836


 153.8501,
156.7571, 112.6466

 26.9422, 26.7600,
13.1382


190.2868,
194.3102, 143.9761

 17.6662, 17.3931,
7.3920

232.0649,
237.4275, 180.6346

 10.8088, 10.5151,
3.6263

279.5499,
286.4933, 223.0405

 6.0048, 5.7418,
1.4226

333.1070,

 2.8887, 2.6887,

341.8921, 271.6124

0.1593

393.1018,
404.0083, 326.7689

■ 1.0952, 0.9715,
0.0000

■ 0.0211, 0.0000,
0.0000

■ 72.9358, 73.6389,
46.4460

■ 72.9358, 73.6389,
46.4460

■ 68.1111, 67.3689,
34.4191

■ 78.4132, 80.4714,
60.9801

■ 63.9023, 61.6332,
24.7486

■ 84.5663, 87.8733,
78.1511

■ 60.2773, 56.4157,
17.2744

■ 91.4240, 95.8639,
98.0853

■ 57.1979, 51.6950,
11.8143

95.0500, 100.0000,
108.9000

■ 54.6201, 47.4474,
8.1559

■ 52.4907, 43.6452,
6.0386

■ 51.5404, 41.8609,
5.3635

Harmonies

Analogous

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



79.9307, 73.6389, 53.3809



72.9358, 73.6389, 46.4460



65.6133, 73.6389, 47.2877

Triad

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



72.9358, 73.6389, 46.4460



57.2927, 73.6389, 93.6846



81.1922, 73.6389, 110.5901

Complementary

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



72.9358, 73.6389, 46.4460



55.3681, 58.5108, 102.9832

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.



74.5604, 73.6389, 125.6033



72.9358, 73.6389, 46.4460



60.9125, 73.6389, 114.7164

Square

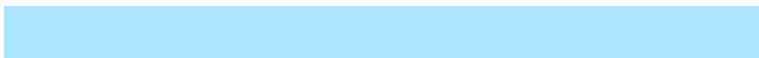
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.9358, 73.6389, 46.4460



56.9256, 73.6389, 72.1479



67.1277, 73.6389, 127.2343



84.9179, 73.6389, 88.7876

Rectangle

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



72.9358, 73.6389, 46.4460



61.5192, 73.6389, 52.1747



67.1277, 73.6389, 127.2343



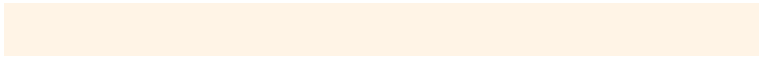
79.2082, 73.6389, 116.7523

Sweetspot

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



72.9376, 73.6423, 46.4475



87.8378, 91.7151, 87.5685



65.8439, 52.9201, 64.2287



18.5964, 19.3919, 18.1506



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.



72.9376, 73.6423, 46.4475



69.4463, 69.1328, 37.6592



81.7339, 94.4253, 49.9954



18.8737, 19.7156, 18.9551



27.0822, 22.1756, 2.8529



2.7453, 2.3760, 0.3139

Inverse Universe

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



55.3681, 58.5108, 102.9832



49.4523, 51.9218, 102.0232



48.6856, 43.2565, 100.3911



17.6405, 18.6527, 22.9205



12.4221, 9.7538, 50.6625



1.3152, 1.1611, 4.9681

Previews

White Background



This preview shows how the XYZ color 72.9358, 73.6389, 46.4460 looks on a white background.

Color Contrast Check

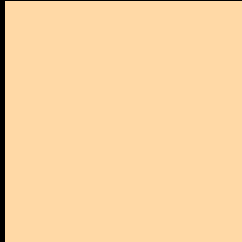
Large Text (above 18pt) WCAG AA × Fail

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 72.9358, 73.6389, 46.4460 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 72.9358, 73.6389, 46.4460

Background



This preview shows how black text looks on a background with the XYZ color 72.9358, 73.6389, 46.4460.



This preview shows how white text looks on a background with the XYZ color 72.9358, 73.6389,

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

72.9358, 73.6389, 46.4460

Protanopia

69.1457, 73.9906, 48.1734

Deuteranopia

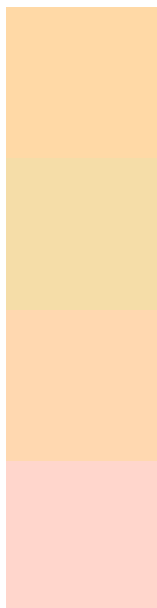
74.1364, 73.7079, 54.0357



Tritanopia

78.3741, 73.7832, 81.3450

Trichromacy



Original Color

72.9358, 73.6389, 46.4460

Protanomaly

70.5805, 73.9525, 47.6001

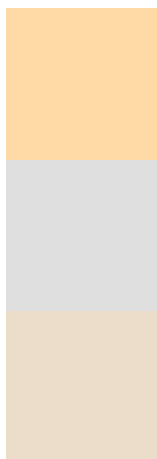
Deuteranomaly

73.6323, 73.5063, 51.3816

Tritanomaly

76.1857, 73.7128, 67.3393

Monochromacy



Original Color

72.9358, 73.6389, 46.4460

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

70.7781, 73.6393, 66.3605

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.9358, 73.6389, 46.4460 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, 217, 166)` looks like.

```
.text, #text, p{  
    color:rgb(255, 217, 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, 217, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 217, 166) }
```

Border

The CSS property to change the border of an element to XYZ 72.9358, 73.6389, 46.4460 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, 217, 166) }
```


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

```
.border{ border-color:rgb(255, 217, 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, 217, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 217, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 217, 166);  
box-shadow:4px 4px 4px 4px rgb(255, 217,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 72.9358, 73.6389, 46.4460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 217, 166) }
```

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

```
.background{ background-color: rgb(255,  
217, 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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