

Converting Colors

XYZ(71.9328, 73.1112, 46.8798)

Have a look what the booklet for
XYZ(71.9328, 73.1112, 46.8798)
contains.

XYZ(71.9328, 73.1112, 46.8798)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(71.9328, 73.1112,
46.8798)**

Conversions

Conversions Part 1

Format	Color
Hex	FCD9A7
RGB	252, 217, 167
RGB Percent	99%, 85%, 65%
CMY	0.0118, 0.1490, 0.3451
CMYK	0.00, 0.14, 0.34, 0.01
HSL	35°, 93%, 82%
HSV	35°, 34%, 99%
XYZ	71.9328, 73.1112, 46.8798
YIQ	221.7650, 36.9100, -8.1300

Conversions

Conversions Part 2

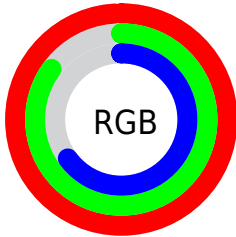
Format	Color
R _Y B	227, 252, 167
Decimal	16570791
CIE Lab	88.50, 5.22, 29.15
CIE LCh	89, 29.615, 79.853
Yxy	73.1112, 0.3748, 0.3809
Android (android.graphics.Color)	4294760871 (0xFFFCDA7)
YUV	221.7650, -26.9991, 26.5161
Hunter-Lab	85.5051, 0.5327, 27.3467

Details

The XYZ color **71.9328, 73.1112, 46.8798** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **54.6270, 57.4830, 100.3117**, and the grayscale version is **69.4331, 73.0491, 79.5504**.

A 20% lighter version of the original color is **90.1848, 98.0539, 83.2803**, and **38.2630, 38.5478, 21.6434** is the 20% darker color. If you saturate the color by 10%, you get **67.2362, 67.0899, 34.9192**, and if you desaturate by 10%, it is **77.2552, 79.6572, 61.2901**.

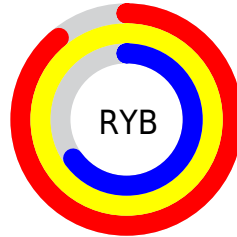
Distribution



Red (99%)

Green (85%)

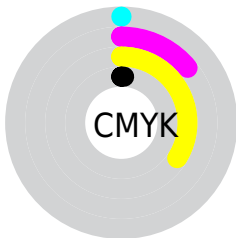
Blue (65%)



Red (89%)

Yellow (99%)

Blue (65%)

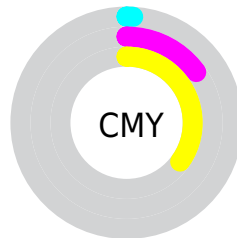


Cyan (0%)

Magenta (14%)

Yellow (34%)

Black (1%)



Cyan (1%)


Magenta (15%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.9328, 73.1112, 46.8798 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 71.9328, 73.1112, 46.8798 by changing the saturation by 10% instead.


 71.9328, 73.1112,
46.8798


 71.9328, 73.1112,
46.8798


456.4689,
471.4001, 390.7144

 53.3890, 54.0669,
32.5870

 120.9723,
123.6351, 86.8823

 38.3422, 38.6551,
21.5417


 152.1988,
155.8834, 113.4290

 26.4268, 26.4916,
13.3255


188.3835,
193.3019, 144.8975

 17.2775, 17.1917,
7.5197

229.8919,
236.2749, 181.7062

 10.5291, 10.3713,
3.7058

277.0893,
285.1868, 224.2737

 5.8161, 5.6458,
1.4654

330.3410,

 2.7732, 2.6309,

340.4221, 273.0185

0.1920

390.0124,
402.3650, 328.3593

■ 1.0350, 0.9422,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 71.9328, 73.1112,
46.8798

■ 71.9328, 73.1112,
46.8798

■ 67.2362, 67.0899,
34.9192

■ 77.2552, 79.6572,
61.2901

■ 63.1303, 61.5663,
25.2633

■ 83.2252, 86.7333,
78.2748

■ 59.5847, 56.5259,
17.7588

■ 89.8702, 94.3578,
97.9554

■ 56.5631, 51.9489,
12.2315

■ 93.9549, 99.4355,
108.8488

■ 54.0242, 47.8136,
8.4796

■ 51.9180, 44.0943,
6.2572

■ 50.7744, 41.9544,
5.4219

Harmonies

Analogous

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



78.7073, 73.1112, 53.2118



71.9328, 73.1112, 46.8798



64.9383, 73.1112, 48.0980

Triad

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



71.9328, 73.1112, 46.8798



57.3788, 73.1112, 93.6950



80.5027, 73.1112, 107.6921

Complementary

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



71.9328, 73.1112, 46.8798



54.6270, 57.4830, 100.3117

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.



74.2496, 73.1112, 122.5297



71.9328, 73.1112, 46.8798



61.0220, 73.1112, 113.5398

Square

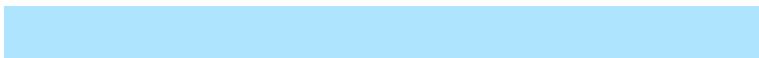
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.9328, 73.1112, 46.8798



56.8521, 73.1112, 72.8884



67.1031, 73.1112, 124.8358



83.8743, 73.1112, 86.7234

Rectangle

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



71.9328, 73.1112, 46.8798



61.0714, 73.1112, 53.1130



67.1031, 73.1112, 124.8358



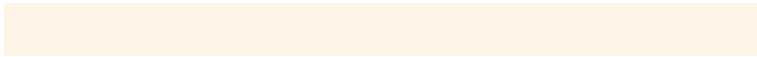
78.6488, 73.1112, 113.7038

Sweetspot

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



71.9347, 73.1146, 46.8813



87.9546, 91.9488, 87.6075



64.6742, 52.6177, 62.8844



18.6247, 19.4485, 18.1600



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

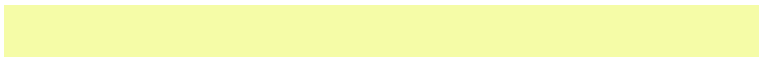
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.9347, 73.1146, 46.8813



70.7857, 71.1518, 40.1398



79.4129, 91.8085, 50.0955



18.0933, 18.9225, 18.1612



26.5977, 22.1521, 2.8739



2.5678, 2.2605, 0.3010

Inverse Universe

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



54.6270, 57.4830, 100.3117



50.7005, 53.0195, 102.1693



48.8643, 43.6749, 97.9502



16.8699, 17.8167, 21.9351



11.8550, 9.0656, 49.0986



1.1995, 1.0428, 4.5812

Previews

White Background



This preview shows how the XYZ color 71.9328, 73.1112, 46.8798 looks on a white background.

Color Contrast Check

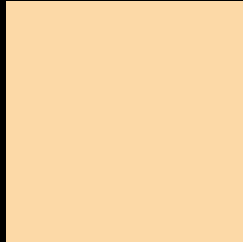
Large Text (above 18pt) WCAG AA × Fail

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 71.9328, 73.1112, 46.8798 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

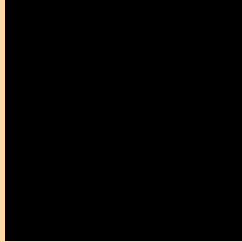
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.9328, 73.1112, 46.8798

Background



This preview shows how black text looks on a background with the XYZ color 71.9328, 73.1112, 46.8798.



This preview shows how white text looks on a background with the XYZ color 71.9328, 73.1112,

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

71.9328, 73.1112, 46.8798

Protanopia

68.5426, 73.2843, 48.0688

Deuteranopia

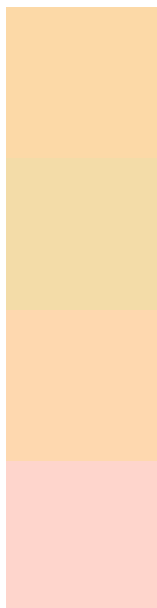
73.6771, 73.1156, 52.8773



Tritanopia

78.1249, 73.2848, 81.2619

Trichromacy



Original Color

71.9328, 73.1112, 46.8798

Protanomaly

69.6232, 73.0682, 47.4798

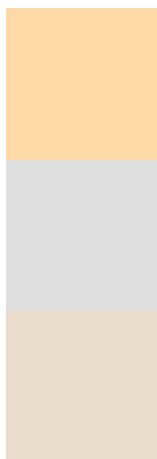
Deuteranomaly

73.1668, 73.2777, 50.8451

Tritanomaly

75.5664, 73.0190, 67.2380

Monochromacy



Original Color

71.9328, 73.1112, 46.8798

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

69.8581, 72.7743, 66.2420

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.9328, 73.1112, 46.8798 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(252, 217, 167)` looks like.

```
.text, #text, p{  
    color:rgb(252, 217, 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(252, 217, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 217, 167) }
```

Border

The CSS property to change the border of an element to XYZ 71.9328, 73.1112, 46.8798 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(252, 217, 167) }
```


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

```
.border{ border-color:rgb(252, 217, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 217, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(252, 217, 167); -webkit-box-shadow:4px 4px 4px 4px rgb(252, 217, 167); box-shadow:4px 4px 4px 4px rgb(252, 217, 167) }
```

Background

The CSS property to change the background color of an element to XYZ 71.9328, 73.1112, 46.8798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 217, 167) }
```

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

```
.background{ background-color: rgb(252,  
217, 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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