

Converting Colors

XYZ(76.8216, 76.1789, 35.3595)

Have a look what the booklet for
XYZ(76.8216, 76.1789, 35.3595)
contains.

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Color

**XYZ(71.0450, 73.2963,
35.2141)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDA8C
RGB	255, 218, 140
RGB Percent	100%, 85%, 55%
CMY	0.0000, 0.1451, 0.4510
CMYK	0.00, 0.15, 0.45, 0.00
HSL	41°, 100%, 77%
HSV	41°, 45%, 100%
XYZ	71.0450, 73.2963, 35.2141
YIQ	220.1710, 47.0900, -16.4140

Conversions

Conversions Part 2

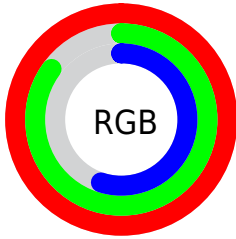
Format	Color
R _Y B	195, 255, 140
Decimal	16767628
CIE Lab	88.59, 2.96, 43.04
CIE LCh	89, 43.144, 86.072
Yxy	73.2963, 0.3957, 0.4082
Android (android.graphics.Color)	4294957708 (0xFFFFDA8C)
YUV	220.1710, -39.5243, 30.5450
Hunter-Lab	85.6133, -1.6974, 35.5424

Details

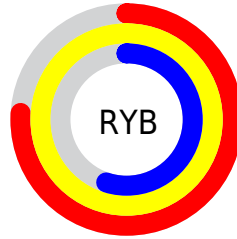
The XYZ color **71.0450, 73.2963, 35.2141** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **44.5868, 44.2380, 100.7962**, and the grayscale version is **68.3929, 71.9546, 78.3586**.

A 20% lighter version of the original color is **86.8503, 96.7201, 65.7211**, and **37.6236, 38.6347, 14.7068** is the 20% darker color. If you saturate the color by 10%, you get **67.3040, 68.4827, 25.7411**, and if you desaturate by 10%, it is **75.3306, 78.5017, 47.0195**.

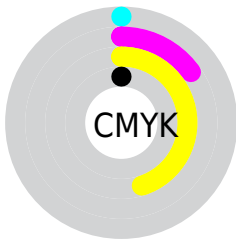
Distribution



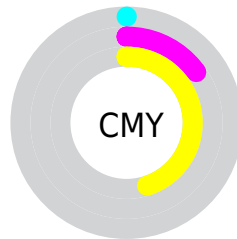
- Red (100%)
- Green (85%)
- Blue (55%)



- Red (76%)
- Yellow (100%)
- Blue (55%)



- Cyan (0%)
- Magenta (15%)
- Yellow (45%)
- Black (0%)





- Cyan (0%)
- Magenta (15%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.0450, 73.2963, 35.2141 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 71.0450, 73.2963, 35.2141 by changing the saturation by 10% instead.


 71.0450, 73.2963,
35.2141

 71.0450, 73.2963,
35.2141


453.4201,
472.0411, 340.4453


 52.6616, 54.2183,
23.5430


 119.7160,
123.8978, 68.9726

 37.7591, 38.7762,
14.7859


 150.7342,
156.1900, 91.8971

 25.9721, 26.5857,
8.5243


 186.6948,
193.6557, 119.4098

 16.9354, 17.2623,
4.3397

227.9631,
236.6794, 151.9293

 10.2834, 10.4217,
1.8135

274.9044,
285.6454, 189.8740

 5.6510, 5.6794,
0.4368

327.8841,

 2.6727, 2.6511,

340.9380, 233.6625

0.0000

387.2676,
402.9418, 283.7135

■ 0.9831, 0.9524,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 71.0450, 73.2963,
35.2141

■ 71.0450, 73.2963,
35.2141

■ 67.3040, 68.4827,
25.7411

■ 75.3306, 78.5017,
47.0195

■ 64.0701, 64.0352,
18.4349

■ 80.1845, 84.1025,
61.2988

■ 61.3092, 59.9405,
13.1149

■ 85.6352, 90.1151,
78.1873

■ 58.9795, 56.1794,
9.5691

■ 91.7077, 96.5519,
97.8091

■ 57.0299, 52.7288,
7.5361

95.0498, 99.9999,
108.9000

■ 56.1777, 51.1356,
6.9093

Harmonies

Analogous

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



81.4368, 73.2963, 41.0881



71.0450, 73.2963, 35.2141



61.2396, 73.2963, 38.6188

Triad

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



71.0450, 73.2963, 35.2141



53.1998, 73.2963, 107.7238



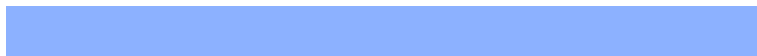
87.6150, 73.2963, 116.2395

Complementary

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



71.0450, 73.2963, 35.2141



44.5868, 44.2380, 100.7962

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.



78.8318, 73.2963, 143.1118



71.0450, 73.2963, 35.2141



59.0878, 73.2963, 137.3981

Square

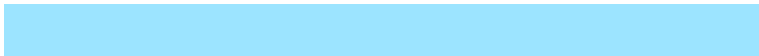
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.0450, 73.2963, 35.2141



51.5558, 73.2963, 75.9474



68.3048, 73.2963, 151.6828



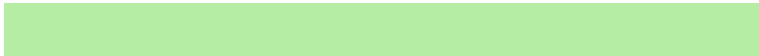
91.5866, 73.2963, 83.7956

Rectangle

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



71.0450, 73.2963, 35.2141



56.2305, 73.2963, 46.2981



68.3048, 73.2963, 151.6828



85.0873, 73.2963, 126.5089

Sweetspot

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



71.0468, 73.2997, 35.2156



86.2709, 90.8007, 80.2044



58.6878, 43.2446, 47.5498



18.1996, 19.1477, 16.3247



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.



71.0468, 73.2997, 35.2156



67.6894, 68.9930, 26.6716



75.0304, 91.2176, 38.4641



19.0397, 20.0476, 19.0104



29.4953, 27.0018, 3.6573



2.9709, 2.8271, 0.3891

Inverse Universe

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



44.5868, 44.2380, 100.7962



38.2758, 36.7213, 99.6783



41.7599, 33.3650, 98.8465



17.4800, 18.3316, 22.8670



11.1283, 7.1661, 50.2313



1.1775, 0.8857, 4.9222

Previews

White Background



This preview shows how the XYZ color 71.0450, 73.2963, 35.2141 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 71.0450, 73.2963, 35.2141 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 71.0450, 73.2963, 35.2141

Background



This preview shows how black text looks on a background with the XYZ color 71.0450, 73.2963, 35.2141.



This preview shows how white text looks on a background with the XYZ color 71.0450, 73.2963,

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

71.0450, 73.2963, 35.2141

Protanopia

67.8881, 73.6056, 36.2204

Deuteranopia

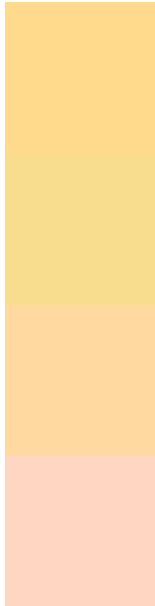
73.2423, 73.3503, 49.3275



Tritanopia

77.9888, 73.2303, 80.5454

Trichromacy



Original Color

71.0450, 73.2963, 35.2141

Protanomaly

69.0219, 73.4101, 35.7310

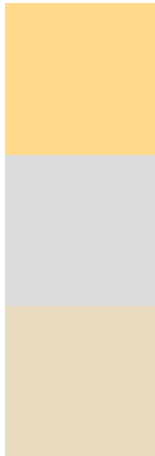
Deuteranomaly

72.3980, 73.4238, 43.6141

Tritanomaly

74.9122, 73.2034, 60.6334

Monochromacy



Original Color

71.0450, 73.2963, 35.2141

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

68.3398, 71.7483, 59.5371

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.0450, 73.2963, 35.2141 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, 218, 140)` looks like.

```
.text, #text, p{  
    color:rgb(255, 218, 140)  
}
```

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, 218, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 218, 140) }
```

Border

The CSS property to change the border of an element to XYZ 71.0450, 73.2963, 35.2141 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, 218, 140) }
```


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

```
.border{ border-color:rgb(255, 218, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 218, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 218, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 218, 140);  
box-shadow:4px 4px 4px 4px rgb(255, 218,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 71.0450, 73.2963, 35.2141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 218, 140) }
```

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

```
.background{ background-color: rgb(255,  
218, 140) }
```

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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