

Converting Colors

XYZ(71.2176, 73.6553, 35.2285)

Have a look what the booklet for
XYZ(71.2176, 73.6553, 35.2285)
contains.

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Color

**XYZ(71.3051, 73.8165,
35.3008)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDB8C
RGB	255, 219, 140
RGB Percent	100%, 86%, 55%
CMY	0.0000, 0.1412, 0.4510
CMYK	0.00, 0.14, 0.45, 0.00
HSL	41°, 100%, 77%
HSV	41°, 45%, 100%
XYZ	71.3051, 73.8165, 35.3008
YIQ	220.7580, 46.8150, -16.9370

Conversions

Conversions Part 2

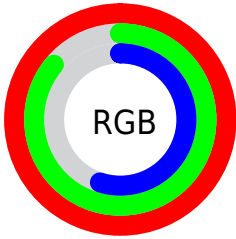
Format	Color
R _Y B	192, 255, 140
Decimal	16767884
CIE Lab	88.84, 2.44, 43.36
CIE LCh	89, 43.425, 86.773
Yxy	73.8165, 0.3952, 0.4091
Android (android.graphics.Color)	4294957964 (0xFFFFDB8C)
YUV	220.7580, -39.8137, 30.0302
Hunter-Lab	85.9165, -2.2106, 35.7809

Details

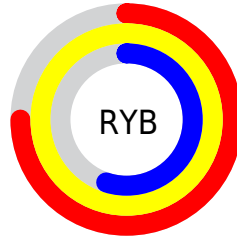
The XYZ color **71.3051, 73.8165, 35.3008** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **44.3900, 43.8445, 100.7306**, and the grayscale version is **68.8065, 72.3898, 78.8325**.

A 20% lighter version of the original color is **86.8503, 96.7201, 65.7211**, and **37.8019, 38.9913, 14.7662** is the 20% darker color. If you saturate the color by 10%, you get **67.6064, 69.0875, 25.8419**, and if you desaturate by 10%, it is **75.5430, 78.9264, 47.0903**.

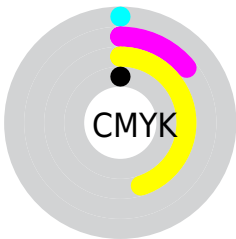
Distribution



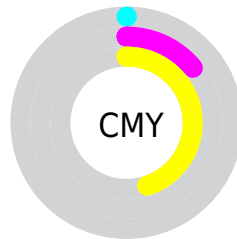
- Red (100%)
- Green (86%)
- Blue (55%)



- Red (75%)
- Yellow (100%)
- Blue (55%)



- Cyan (0%)
- Magenta (14%)
- Yellow (45%)
- Black (0%)




- Cyan (0%)
- Magenta (14%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.3051, 73.8165, 35.3008 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 71.3051, 73.8165, 35.3008 by changing the saturation by 10% instead.


 71.3051, 73.8165,
35.3008


 71.3051, 73.8165,
35.3008


454.3145,
473.8398, 340.8386


 52.8746, 54.6439,
23.6093


 120.0842,
124.6356, 69.1083

 37.9298, 39.1167,
14.8345


 151.1636,
157.0510, 92.0614

 26.1052, 26.8505,
8.5580


 187.1900,
194.6493, 119.6055

 17.0354, 17.4610,
4.3612

228.5287,
237.8150, 152.1590

 10.3552, 10.5637,
1.8255

275.5452,
286.9325, 190.1405

 5.6992, 5.7743,
0.4447

328.6047,

 2.7019, 2.7083,

342.3862, 233.9686

0.0000

388.0727,
404.5605, 284.0618

■ 0.9982, 0.9814,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 71.3051, 73.8165,
35.3008

■ 71.3051, 73.8165,
35.3008

■ 67.6064, 69.0875,
25.8419

■ 75.5430, 78.9264,
47.0903

■ 64.4095, 64.7140,
18.5481

■ 80.3436, 84.4206,
61.3518

■ 61.6804, 60.6829,
13.2387

■ 85.7353, 90.3153,
78.2206

■ 59.3774, 56.9753,
9.7017

■ 91.7430, 96.6225,
97.8208

■ 57.4496, 53.5683, 95.0498, 99.9999,
7.6760 108.9000

■ 56.6063, 51.9929,
7.0522

Harmonies

Analogous

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



81.8377, 73.8165, 41.0021



71.3051, 73.8165, 35.3008



61.4377, 73.8165, 38.9553

Triad

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



71.3051, 73.8165, 35.3008



53.6069, 73.8165, 109.3939



88.4770, 73.8165, 116.4779

Complementary

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



71.3051, 73.8165, 35.3008



44.3900, 43.8445, 100.7306

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.



79.6719, 73.8165, 143.9783



71.3051, 73.8165, 35.3008



59.6503, 73.8165, 139.2220

Square

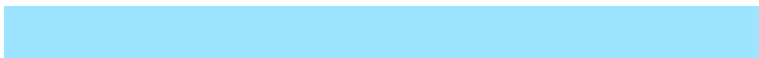
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.3051, 73.8165, 35.3008



51.8411, 73.8165, 77.1568



69.0280, 73.8165, 153.1925



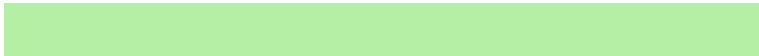
92.3548, 73.8165, 83.6787

Rectangle

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



71.3051, 73.8165, 35.3008



56.4300, 73.8165, 46.8692



69.0280, 73.8165, 153.1925



85.9548, 73.8165, 126.9344

Sweetspot

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



71.3069, 73.8200, 35.3023



86.3642, 90.9872, 80.2355



58.4962, 43.1680, 46.5407



18.2224, 19.1933, 16.3323



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.



71.3069, 73.8200, 35.3023



67.9874, 69.5891, 26.7710



74.3980, 90.8916, 38.4345



19.0535, 20.0752, 19.0150



29.7177, 27.4466, 3.7314



2.9913, 2.8679, 0.3959

Inverse Universe

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



44.3900, 43.8445, 100.7306



38.0665, 36.3028, 99.6086



42.1435, 33.5628, 98.8644



17.4668, 18.3053, 22.8626



11.0400, 6.9896, 50.2018



1.1676, 0.8660, 4.9189

Previews

White Background



This preview shows how the XYZ color 71.3051, 73.8165, 35.3008 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 71.3051, 73.8165, 35.3008 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 71.3051, 73.8165, 35.3008

Background



This preview shows how black text looks on a background with the XYZ color 71.3051, 73.8165, 35.3008.



This preview shows how white text looks on a background with the XYZ color 71.3051, 73.8165,

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

71.3051, 73.8165, 35.3008

Protanopia

68.2323, 73.7830, 36.2365

Deuteranopia

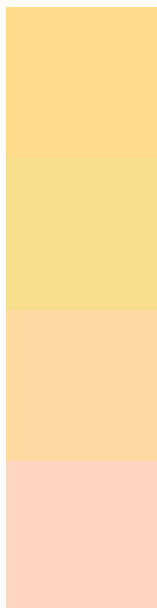
73.6928, 73.9417, 50.4325



Tritanopia

78.2380, 73.7288, 80.6285

Trichromacy



Original Color

71.3051, 73.8165, 35.3008

Protanomaly

69.2868, 73.9398, 35.8193

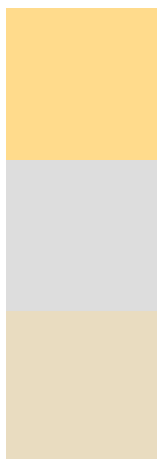
Deuteranomaly

72.8330, 74.0114, 44.6293

Tritanomaly

75.1661, 73.7111, 60.7181

Monochromacy



Original Color

71.3051, 73.8165, 35.3008

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

68.7119, 72.3158, 60.2060

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.3051, 73.8165, 35.3008 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, 219, 140)` looks like.

```
.text, #text, p{  
    color:rgb(255, 219, 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, 219, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 219, 140) }
```

Border

The CSS property to change the border of an element to XYZ 71.3051, 73.8165, 35.3008 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, 219, 140) }
```


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

```
.border{ border-color:rgb(255, 219, 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, 219, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 219, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 219, 140);  
box-shadow:4px 4px 4px 4px rgb(255, 219,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 71.3051, 73.8165, 35.3008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 219, 140) }
```

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

```
.background{ background-color: rgb(255,  
219, 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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