

Converting Colors

XYZ(73.2912, 75.1362, 33.1249)

Have a look what the booklet for
XYZ(73.2912, 75.1362, 33.1249)
contains.

| | |
|--|----|
| XYZ(71.1363, 74.1676, 33.1208) | 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(71.1363, 74.1676,
33.1208)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | FFDC86 |
| RGB | 255, 220, 134 |
| RGB Percent | 100%, 86%, 53% |
| CMY | 0.0000, 0.1372, 0.4745 |
| CMYK | 0.00, 0.14, 0.47, 0.00 |
| HSL | 43°, 100%, 76% |
| HSV | 43°, 47%, 100% |
| XYZ | 71.1363, 74.1676, 33.1208 |
| YIQ | 220.6610, 48.4660, -19.3260 |

Conversions

Conversions Part 2

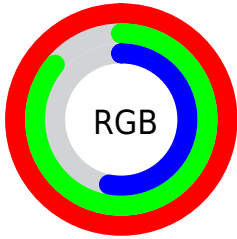
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 183, 255, 134 |
| Decimal | 16768134 |
| CIE Lab | 89.00, 1.37, 46.53 |
| CIE LCh | 89, 46.551, 88.313 |
| Yxy | 74.1676, 0.3987, 0.4157 |
| Android (android.graphics.Color) | 4294958214 (0xFFFFDC86) |
| YUV | 220.6610, -42.7239, 30.1153 |
| Hunter-Lab | 86.1206, -3.2687, 37.4823 |

Details

The XYZ color **71.1363, 74.1676, 33.1208** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **42.0691, 40.6630, 100.2390**, and the grayscale version is **68.7573, 72.3381, 78.7762**.

A 20% lighter version of the original color is **86.0771, 96.4108, 61.6494**, and **37.7431, 39.2552, 13.5704** is the 20% darker color. If you saturate the color by 10%, you get **67.6753, 69.7569, 24.2256**, and if you desaturate by 10%, it is **75.1152, 78.9276, 44.3056**.

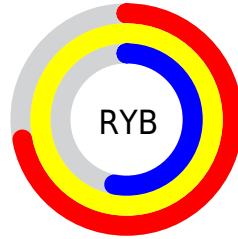
Distribution



Red (100%)

Green (86%)

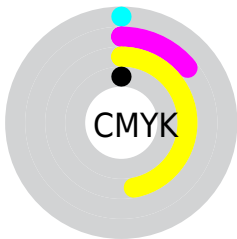
Blue (53%)



Red (72%)

Yellow (100%)

Blue (53%)

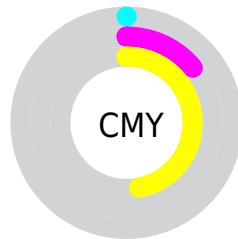


Cyan (0%)

Magenta (14%)

Yellow (47%)

Black (0%)



Cyan (0%)


Magenta (14%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.1363, 74.1676, 33.1208 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 71.1363, 74.1676, 33.1208 by changing the saturation by 10% instead.


 71.1363, 74.1676,
33.1208


 71.1363, 74.1676,
33.1208


453.7342,
475.0516, 330.8424


 52.7364, 54.9312,
21.9471


 119.8452,
125.1334, 65.6823

 37.8190, 39.3467,
13.6201


 150.8850,
157.6315, 87.9071

 26.0188, 27.0295,
7.7212


 186.8687,
195.3191, 114.6528

 16.9705, 17.5954,
3.8319

228.1617,
238.5805, 146.3379

 10.3086, 10.6599,
1.5336

275.1294,
287.8000, 183.3808

 5.6679, 5.8386,
0.2427

328.1371,

 2.6829, 2.7472,

343.3621, 226.2002

0.0000

387.5503,
405.6512, 275.2145

■ 0.9884, 1.0012,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 71.1363, 74.1676,
33.1208

■ 71.1363, 74.1676,
33.1208

■ 67.6753, 69.7569,
24.2256

■ 75.1152, 78.9276,
44.3056

■ 64.6942, 65.6702,
17.4500

■ 79.6357, 84.0399,
57.9245

■ 62.1582, 61.8947,
12.6078

■ 84.7266, 89.5204,
74.1152

■ 60.0242, 58.4114,
9.4776

■ 90.4128, 95.3806,
93.0039

■ 58.2364, 55.1959, 95.0499, 100.0000,
7.7712 108.9000

■ 57.8151, 54.4103,
7.4550

Harmonies

Analogous

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



82.5481, 74.1676, 38.4995



71.1363, 74.1676, 33.1208



60.6725, 74.1676, 37.3912

Triad

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



71.1363, 74.1676, 33.1208



53.0262, 74.1676, 114.0518



90.6705, 74.1676, 118.0968

Complementary

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



71.1363, 74.1676, 33.1208



42.0691, 40.6630, 100.2390

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.



81.3222, 74.1676, 148.9504



71.1363, 74.1676, 33.1208



59.6746, 74.1676, 146.2095

Square

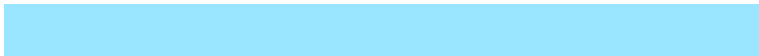
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.1363, 74.1676, 33.1208



50.9105, 74.1676, 78.9360



69.8557, 74.1676, 160.3998



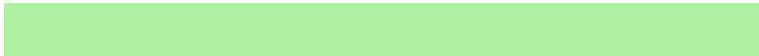
94.5483, 74.1676, 82.6035

Rectangle

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



71.1363, 74.1676, 33.1208



55.4658, 74.1676, 46.0069



69.8557, 74.1676, 160.3998



88.0177, 74.1676, 129.6747

Sweetspot

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



71.1381, 74.1711, 33.1223



86.6200, 91.4988, 80.3208



57.0497, 41.2246, 43.1304



18.2850, 19.3185, 16.3531



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.



71.1381, 74.1711, 33.1223



67.8206, 69.9484, 24.5790



72.9538, 90.1969, 36.1199



19.0914, 20.1509, 19.0276



30.3444, 28.7000, 3.9403



3.0485, 2.9824, 0.4150

Inverse Universe

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



42.0691, 40.6630, 100.2390



35.6143, 32.8674, 99.0747



40.7158, 31.5605, 98.5534



17.4309, 18.2334, 22.8506



10.8125, 6.5346, 50.1260



1.1418, 0.8142, 4.9103

Previews

White Background



This preview shows how the XYZ color 71.1363, 74.1676, 33.1208 looks on a white background.

Color Contrast Check

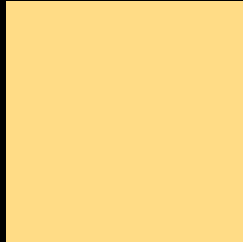
Large Text (above 18pt) WCAG AA × Fail

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 71.1363, 74.1676, 33.1208 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 71.1363, 74.1676, 33.1208

Background



This preview shows how black text looks on a background with the XYZ color 71.1363, 74.1676, 33.1208.

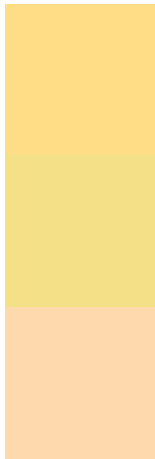


This preview shows how white text looks on a background with the XYZ color 71.1363, 74.1676,

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

71.1363, 74.1676, 33.1208

Protanopia

68.3371, 74.2937, 33.6600

Deuteranopia

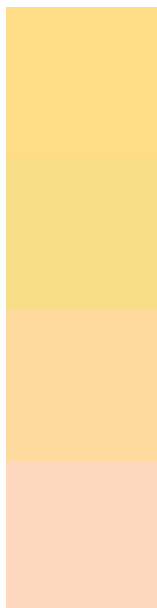
73.6928, 73.9417, 50.4325



Tritanopia

78.6249, 74.2847, 81.4286

Trichromacy



Original Color

71.1363, 74.1676, 33.1208

Protanomaly

69.4722, 74.4811, 33.6364

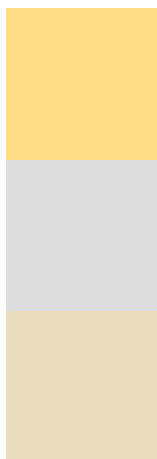
Deuteranomaly

72.5694, 73.9060, 43.2414

Tritanomaly

75.3103, 74.1775, 60.2176

Monochromacy



Original Color

71.1363, 74.1676, 33.1208

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

68.6460, 72.7107, 58.5606

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.1363, 74.1676, 33.1208 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, 220, 134)` looks like.

```
.text, #text, p{  
    color:rgb(255, 220, 134)  
}
```

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, 220, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 220, 134) }
```

Border

The CSS property to change the border of an element to XYZ 71.1363, 74.1676, 33.1208 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, 220, 134) }
```


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

```
.border{ border-color:rgb(255, 220, 134) }
```

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

Here you see how a box with a 4 pixel rgb(255, 220, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 220, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 220, 134);  
box-shadow:4px 4px 4px 4px rgb(255, 220,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 71.1363, 74.1676, 33.1208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 220, 134) }
```

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

```
.background{ background-color: rgb(255,  
220, 134) }
```

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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