

Converting Colors

XYZ(74.0165, 75.4570, 47.8642)

Have a look what the booklet for
XYZ(74.0165, 75.4570, 47.8642)
contains.

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Color

**XYZ(73.9011, 75.2736,
47.6800)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDCA8
RGB	255, 220, 168
RGB Percent	100%, 86%, 66%
CMY	0.0000, 0.1372, 0.3412
CMYK	0.00, 0.14, 0.34, 0.00
HSL	36°, 100%, 83%
HSV	36°, 34%, 100%
XYZ	73.9011, 75.2736, 47.6800
YIQ	224.5370, 37.5520, -8.7520

Conversions

Conversions Part 2

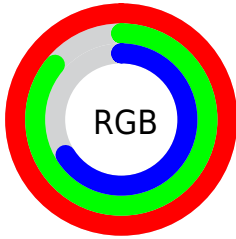
Format	Color
R _Y B	227, 255, 168
Decimal	16768168
CIE Lab	89.52, 4.94, 30.06
CIE LCh	90, 30.460, 80.670
Yxy	75.2736, 0.3754, 0.3824
Android (android.graphics.Color)	4294958248 (0xFFFFDCA8)
YUV	224.5370, -27.8727, 26.7161
Hunter-Lab	86.7604, 0.2128, 28.1489

Details

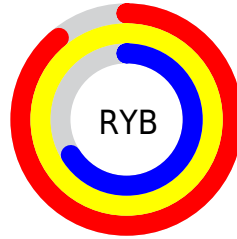
The XYZ color **73.9011, 75.2736, 47.6800** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **55.5537, 58.2547, 102.9240**, and the grayscale version is **71.4121, 75.1311, 81.8178**.

A 20% lighter version of the original color is **90.3193, 98.1077, 83.9884**, and **39.6335, 40.0415, 22.1629** is the 20% darker color. If you saturate the color by 10%, you get **69.1451, 69.1978, 35.5014**, and if you desaturate by 10%, it is **79.2919, 81.8731, 62.3701**.

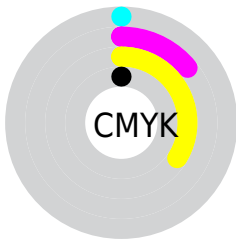
Distribution



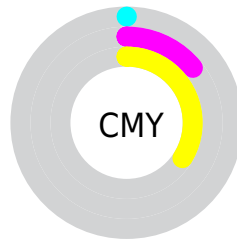
- Red (100%)
- Green (86%)
- Blue (66%)



- Red (89%)
- Yellow (100%)
- Blue (66%)



- Cyan (0%)
- Magenta (14%)
- Yellow (34%)
- Black (0%)





- Cyan (0%)
- Magenta (14%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.9011, 75.2736, 47.6800 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 73.9011, 75.2736, 47.6800 by changing the saturation by 10% instead.


 73.9011, 75.2736,
47.6800


 73.9011, 75.2736,
47.6800


463.1875,
478.8574, 393.9944

 55.0041, 55.8371,
33.2154


 123.7519,
126.6996, 88.0883

 39.6389, 40.0723,
22.0190


 155.4363,
159.4578, 114.8691

 27.4400, 27.5949,
13.6724


192.1140,
197.4254, 146.5924

 18.0423, 18.0205,
7.7570

234.1502,
240.9867, 183.6766

 11.0802, 10.9647,
3.8543

281.9103,
290.5262, 226.5404

 6.1885, 6.0431,
1.5458

335.7596,

 3.0018, 2.8713,

346.4282, 275.6023

0.2517

396.0636,
409.0772, 331.2807

■ 1.1547, 1.0649,
0.0000

■ 0.0702, 0.0000,
0.0000

■ 73.9011, 75.2736,
47.6800

■ 73.9011, 75.2736,
47.6800

■ 69.1451, 69.1978,
35.5014

■ 79.2919, 81.8731,
62.3701

■ 64.9880, 63.6184,
25.6845

■ 85.3399, 89.0016,
79.7003

■ 61.3984, 58.5207,
18.0710

■ 92.0731, 96.6775,
99.7959

■ 58.3393, 53.8851,
12.4806

95.0500, 100.0000,
108.9000

■ 55.7679, 49.6892,
8.7042

■ 53.6326, 45.9072,
6.4862

■ 52.5383, 43.8566,
5.6961

Harmonies

Analogous

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



81.0476, 75.2736, 54.0635



73.9011, 75.2736, 47.6800



66.5905, 75.2736, 49.1622

Triad

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



73.9011, 75.2736, 47.6800



58.9216, 75.2736, 97.3667



83.2496, 75.2736, 110.9174

Complementary

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



73.9011, 75.2736, 47.6800



55.5537, 58.2547, 102.9240

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.



76.7399, 75.2736, 126.8251



73.9011, 75.2736, 47.6800



62.8164, 75.2736, 118.1042

Square

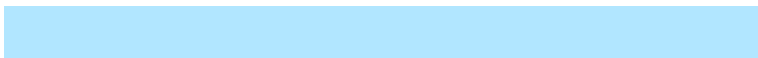
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.9011, 75.2736, 47.6800



58.2781, 75.2736, 75.4656



69.2401, 75.2736, 129.6624



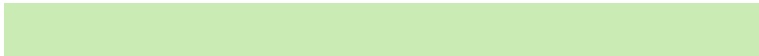
86.6872, 75.2736, 88.8171

Rectangle

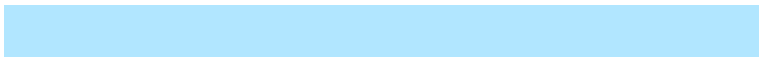
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.9011, 75.2736, 47.6800



62.5806, 75.2736, 54.5336



69.2401, 75.2736, 129.6624



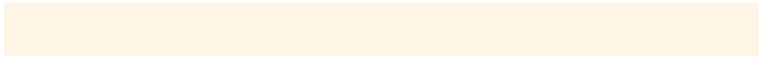
81.3276, 75.2736, 117.3168

Sweetspot

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



73.9030, 75.2771, 47.6815



88.0275, 92.0946, 87.6318



66.1722, 53.6377, 64.1502



18.6423, 19.4838, 18.1659



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.



73.9030, 75.2771, 47.6815



70.5622, 71.0382, 39.0372



81.4509, 94.2580, 50.9474



18.9124, 19.7931, 18.9680



27.6026, 23.2164, 3.0264



2.7947, 2.4747, 0.3304

Inverse Universe

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



55.5537, 58.2547, 102.9240



49.6710, 51.6675, 101.9626



49.7887, 44.3691, 100.5477



17.6027, 18.5770, 22.9079



12.0803, 9.0701, 50.5486



1.2798, 1.0904, 4.9563

Previews

White Background



This preview shows how the XYZ color 73.9011, 75.2736, 47.6800 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 73.9011, 75.2736, 47.6800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

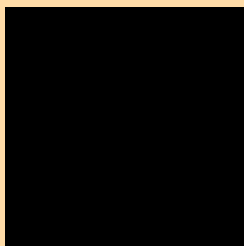
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.9011, 75.2736, 47.6800

Background



This preview shows how black text looks on a background with the XYZ color 73.9011, 75.2736, 47.6800.



This preview shows how white text looks on a background with the XYZ color 73.9011, 75.2736,

47.6800.

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

73.9011, 75.2736, 47.6800

Protanopia

70.4565, 75.4535, 48.8807

Deuteranopia

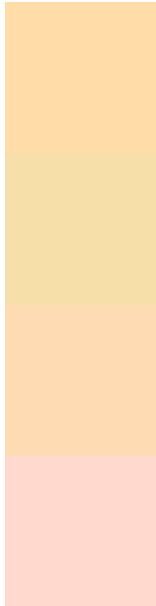
75.5412, 75.5109, 57.6073



Tritanopia

79.5440, 75.4623, 83.7720

Trichromacy



Original Color

73.9011, 75.2736, 47.6800

Protanomaly

71.5551, 75.2328, 48.2861

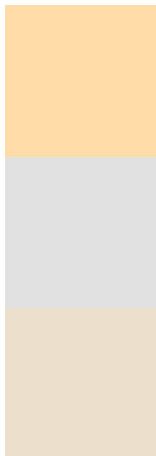
Deuteranomaly

74.8097, 75.2183, 53.7557

Tritanomaly

77.1934, 75.3419, 68.8664

Monochromacy



Original Color

73.9011, 75.2736, 47.6800

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

71.8788, 74.9679, 67.8086

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.9011, 75.2736, 47.6800 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, 168)` looks like.

```
.text, #text, p{  
    color:rgb(255, 220, 168)  
}
```

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, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 220, 168) }
```

Border

The CSS property to change the border of an element to XYZ 73.9011, 75.2736, 47.6800 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, 168) }
```


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

```
.border{ border-color:rgb(255, 220, 168) }
```

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, 168) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 220, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 220, 168);  
box-shadow:4px 4px 4px 4px rgb(255, 220,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 73.9011, 75.2736, 47.6800 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, 168) }
```

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

```
.background{ background-color: rgb(255,  
220, 168) }
```

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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