

Converting Colors

XYZ(73.1982, 73.5301, 48.5189)

Have a look what the booklet for
XYZ(73.1982, 73.5301, 48.5189)
contains.

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Color

**XYZ(73.0516, 73.2740,
48.3233)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD8AA
RGB	255, 216, 170
RGB Percent	100%, 85%, 67%
CMY	0.0000, 0.1529, 0.3333
CMYK	0.00, 0.15, 0.33, 0.00
HSL	32°, 100%, 83%
HSV	32°, 33%, 100%
XYZ	73.0516, 73.2740, 48.3233
YIQ	222.4170, 38.0100, -6.0380

Conversions

Conversions Part 2

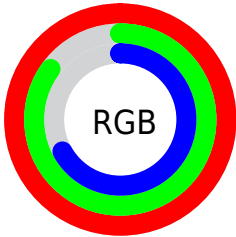
Format	Color
R _Y B	242, 255, 170
Decimal	16767146
CIE Lab	88.58, 7.23, 27.75
CIE LCh	89, 28.679, 75.391
Yxy	73.2740, 0.3753, 0.3764
Android (android.graphics.Color)	4294957226 (0xFFFFD8AA)
YUV	222.4170, -25.8416, 28.5753
Hunter-Lab	85.6002, 2.5322, 26.4496

Details

The XYZ color **73.0516, 73.2740, 48.3233** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **57.4274, 61.3650, 103.4256**, and the grayscale version is **69.8858, 73.5253, 80.0691**.

A 20% lighter version of the original color is **90.7275, 98.2710, 86.1379**, and **38.9817, 38.6444, 22.2342** is the 20% darker color. If you saturate the color by 10%, you get **67.9787, 66.6213, 35.8635**, and if you desaturate by 10%, it is **78.8094, 80.5474, 63.3213**.

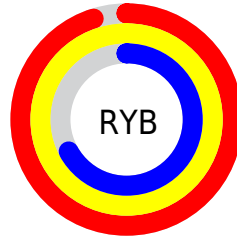
Distribution



Red (100%)

Green (85%)

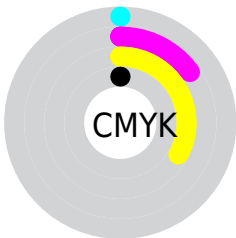
Blue (67%)



Red (95%)

Yellow (100%)

Blue (67%)

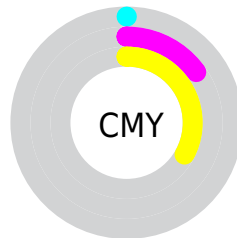


Cyan (0%)

Magenta (15%)

Yellow (33%)

Black (0%)



Cyan (0%)


Magenta (15%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.0516, 73.2740, 48.3233 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 73.0516, 73.2740, 48.3233 by changing the saturation by 10% instead.


 73.0516, 73.2740,
48.3233

 73.0516, 73.2740,
48.3233

460.2946,
471.9639, 396.6178

 54.3067, 54.2000,
33.7212


 122.5532,
123.8661, 89.0561

 39.0785, 38.7616,
22.4039


154.0406,
156.1531, 116.0239

 27.0018, 26.5743,
13.9528

190.5062,
193.6131, 147.9507

 17.7112, 17.2538,
7.9495

232.3153,
236.6307, 185.2549

 10.8413, 10.4156,
3.9753

279.8334,
285.5901, 228.3552

 6.0267, 5.6754,
1.6118

333.4257,

 2.9021, 2.6487,

340.8759, 277.6701

0.2992

393.4577,
402.8724, 333.6181

■ 1.1022, 0.9512,
0.0000

■ 0.0270, 0.0000,
0.0000

■ 73.0516, 73.2740,
48.3233

■ 73.0516, 73.2740,
48.3233

■ 67.9787, 66.6213,
35.8635

■ 78.8094, 80.5474,
63.3213

■ 63.5537, 60.5595,
25.7929

■ 85.2761, 88.4499,
80.9860

■ 59.7439, 55.0709,
17.9538

■ 92.4806, 97.0025,
101.4424

■ 56.5111, 50.1326,
12.1673

95.0500, 100.0000,
108.9000

■ 53.8112, 45.7192,
8.2264

■ 51.5918, 41.8016,
5.8797

■ 50.3308, 39.4417,
4.9603

Harmonies

Analogous

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



79.4031, 73.2740, 55.6338



73.0516, 73.2740, 48.3233



66.1761, 73.2740, 48.4196

Triad

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



73.0516, 73.2740, 48.3233



57.5987, 73.2740, 90.3191



79.5431, 73.2740, 109.6154

Complementary

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



73.0516, 73.2740, 48.3233



57.4274, 61.3650, 103.4256

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.



73.2326, 73.2740, 122.4035



73.0516, 73.2740, 48.3233



60.7205, 73.2740, 110.0698

Square

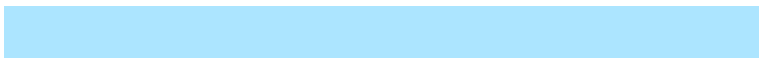
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.0516, 73.2740, 48.3233



57.5574, 73.2740, 70.5609



66.3455, 73.2740, 122.5824



83.3159, 73.2740, 89.7754

Rectangle

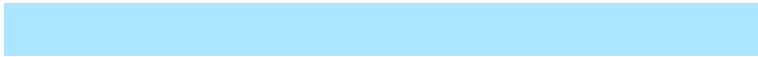
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.0516, 73.2740, 48.3233



62.2264, 73.2740, 52.5981



66.3455, 73.2740, 122.5824



77.6304, 73.2740, 115.0161

Sweetspot

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



73.0534, 73.2773, 48.3248



87.5937, 91.2270, 87.4872



67.2066, 54.6468, 67.7617



18.5373, 19.2738, 18.1309



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.



73.0534, 73.2773, 48.3248



69.5960, 68.7724, 39.7433



83.2212, 95.1489, 52.0105



18.8239, 19.6160, 18.9385



26.4502, 20.9115, 2.6423



2.6847, 2.2547, 0.2937

Inverse Universe

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



57.4274, 61.3650, 103.4256



51.7933, 55.2052, 102.5336



49.6223, 44.8356, 100.6465



17.6896, 18.7508, 22.9369



12.8997, 10.7091, 50.8218



1.3637, 1.2582, 4.9842

Previews

White Background



This preview shows how the XYZ color 73.0516, 73.2740, 48.3233 looks on a white background.

Color Contrast Check

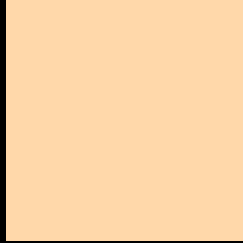
Large Text (above 18pt) WCAG AA × Fail

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 73.0516, 73.2740, 48.3233 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 73.0516, 73.2740, 48.3233

Background



This preview shows how black text looks on a background with the XYZ color 73.0516, 73.2740, 48.3233.



This preview shows how white text looks on a background with the XYZ color 73.0516, 73.2740,

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

73.0516, 73.2740, 48.3233

Protanopia

68.5892, 73.2642, 50.0615

Deuteranopia

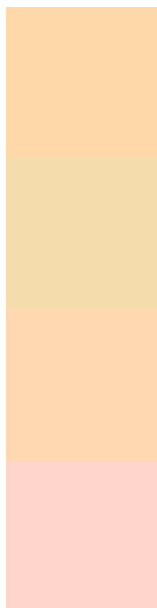
73.8809, 73.1971, 53.9506



Tritanopia

77.9888, 73.2303, 80.5454

Trichromacy



Original Color

73.0516, 73.2740, 48.3233

Protanomaly

70.3478, 73.3981, 49.4892

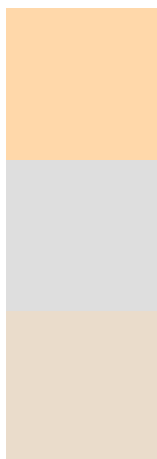
Deuteranomaly

73.4763, 73.0352, 51.8196

Tritanomaly

75.9333, 73.2081, 67.2552

Monochromacy



Original Color

73.0516, 73.2740, 48.3233

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

70.3044, 72.9906, 66.8831

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.0516, 73.2740, 48.3233 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, 216, 170)` looks like.

```
.text, #text, p{  
    color:rgb(255, 216, 170)  
}
```

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, 216, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 216, 170) }
```

Border

The CSS property to change the border of an element to XYZ 73.0516, 73.2740, 48.3233 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, 216, 170) }
```


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

```
.border{ border-color:rgb(255, 216, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 216, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 216, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 216, 170);  
box-shadow:4px 4px 4px 4px rgb(255, 216,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 73.0516, 73.2740, 48.3233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 216, 170) }
```

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

```
.background{ background-color: rgb(255,  
216, 170) }
```

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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