

Converting Colors

XYZ(112.3886, 93.1735,
53.7062)

Have a look what the booklet for
XYZ(112.3886, 93.1735, 53.7062)
contains.

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Color

**XYZ(73.4763, 73.0352,
51.8196)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD7B1
RGB	255, 215, 177
RGB Percent	100%, 84%, 69%
CMY	0.0000, 0.1568, 0.3059
CMYK	0.00, 0.16, 0.31, 0.00
HSL	29°, 100%, 85%
HSV	29°, 31%, 100%
XYZ	73.4763, 73.0352, 51.8196
YIQ	222.6280, 36.0380, -3.3380

Conversions

Conversions Part 2

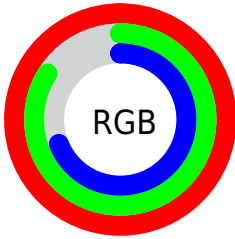
Format	Color
R _Y B	255, 251, 177
Decimal	16766897
CIE Lab	88.46, 8.61, 23.96
CIE LCh	88, 25.461, 70.236
Yxy	73.0352, 0.3705, 0.3682
Android (android.graphics.Color)	4294956977 (0xFFFFD7B1)
YUV	222.6280, -22.4946, 28.3902
Hunter-Lab	85.4606, 3.9124, 23.8716

Details

The XYZ color **73.4763, 73.0352, 51.8196** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **60.9936, 66.1908, 104.1691**, and the grayscale version is **70.0134, 73.6596, 80.2153**.

A 20% lighter version of the original color is **91.7080, 98.6632, 91.3012**, and **39.2349, 38.4672, 24.4258** is the 20% darker color. If you saturate the color by 10%, you get **67.9712, 65.7195, 38.5950**, and if you desaturate by 10%, it is **79.7260, 81.0797, 67.6371**.

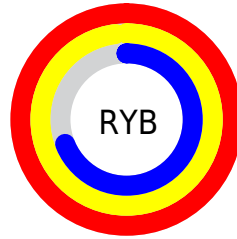
Distribution



Red (100%)

Green (84%)

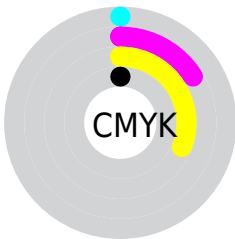
Blue (69%)



Red (100%)

Yellow (98%)

Blue (69%)

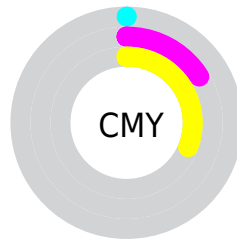


Cyan (0%)

Magenta (16%)

Yellow (31%)

Black (0%)



Cyan (0%)


Magenta (16%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.4763, 73.0352, 51.8196 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 73.4763, 73.0352, 51.8196 by changing the saturation by 10% instead.

 73.4763, 73.0352,
51.8196

 73.4763, 73.0352,
51.8196

461.7422,
471.1368, 410.6769

 54.6553, 54.0047,
36.4801


 123.1526,
123.5272, 94.2890

 39.3585, 38.6055,
24.5126


154.7387,
155.7575, 122.2559

 27.2207, 26.4529,
15.4986


191.3104,
193.1566, 155.2691

 17.8765, 17.1628,
9.0195

233.2332,
236.1087, 193.7470

 10.9605, 10.3506,
4.6569

280.8724,
284.9985, 238.1082

 6.1074, 5.6320,
1.9922

334.5934,

 2.9518, 2.6227,

340.2101, 288.7712

0.5505

394.7616,
402.1281, 346.1546

■ 1.1283, 0.9381,
0.0000

■ 0.0486, 0.0000,
0.0000

■ 73.4763, 73.0352,
51.8196

■ 73.4763, 73.0352,
51.8196

■ 67.9712, 65.7195,
38.5950

■ 79.7260, 81.0797,
67.6371

■ 63.1726, 59.0997,
27.8171

■ 86.7456, 89.8649,
86.1739

■ 59.0470, 53.1546,
19.3321

■ 94.5651, 99.4148,
107.5531

■ 55.5551, 47.8580,
12.9664

■ 95.0500, 100.0000,
108.9000

■ 52.6525, 43.1810,
8.5212

■ 50.2875, 39.0911,
5.7592

■ 48.4788, 35.7376,
4.3429

Harmonies

Analogous

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



78.8009, 73.0352, 59.6672



73.4763, 73.0352, 51.8196



67.3461, 73.0352, 50.7375

Triad

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



73.4763, 73.0352, 51.8196



58.4623, 73.0352, 85.6679



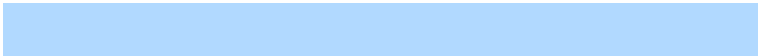
77.3054, 73.0352, 108.1465

Complementary

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



73.4763, 73.0352, 51.8196



60.9936, 66.1908, 104.1691

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.



71.5315, 73.0352, 117.5422



73.4763, 73.0352, 51.8196



60.8107, 73.0352, 103.3570

Square

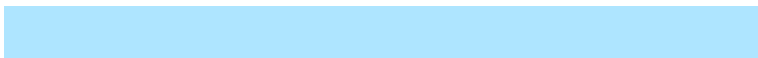
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.4763, 73.0352, 51.8196



58.9149, 73.0352, 68.6555



65.5115, 73.0352, 115.6710



81.1001, 73.0352, 91.4806

Rectangle

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



73.4763, 73.0352, 51.8196



63.6551, 73.0352, 53.7996



65.5115, 73.0352, 115.6710



75.5181, 73.0352, 112.3633

Sweetspot

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



73.4781, 73.0385, 51.8211



87.9328, 91.3294, 89.3750



69.5261, 57.7305, 73.3297



18.5882, 19.2608, 18.5014



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.



73.4781, 73.0385, 51.8211



69.8635, 68.2635, 43.0506



84.5227, 95.1278, 55.5026



18.7400, 19.4482, 18.9105



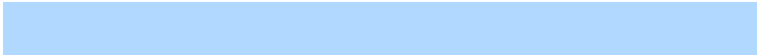
25.4795, 18.9702, 2.3187



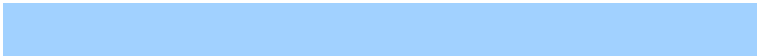
2.5897, 2.0648, 0.2621

Inverse Universe

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



60.9936, 66.1908, 104.1691



55.4849, 60.3755, 103.3370



52.1624, 48.5284, 101.2254



17.7732, 18.9180, 22.9647



13.8052, 12.5199, 51.1236



1.4535, 1.4378, 5.0142

Previews

White Background



This preview shows how the XYZ color 73.4763, 73.0352, 51.8196 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 73.4763, 73.0352, 51.8196 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

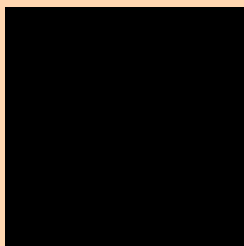
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.4763, 73.0352, 51.8196

Background



This preview shows how black text looks on a background with the XYZ color 73.4763, 73.0352, 51.8196.



This preview shows how white text looks on a background with the XYZ color 73.4763, 73.0352,

51.8196.

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

73.4763, 73.0352, 51.8196

Protanopia

68.9516, 73.3707, 53.7078

Deuteranopia

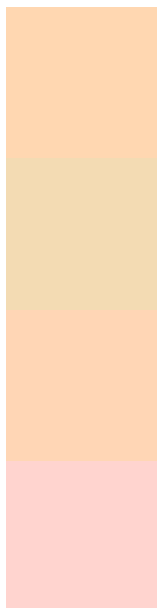
73.8338, 72.7720, 54.9547



Tritanopia

77.9888, 73.2303, 80.5454

Trichromacy



Original Color

73.4763, 73.0352, 51.8196

Protanomaly

70.4303, 72.9724, 53.0208

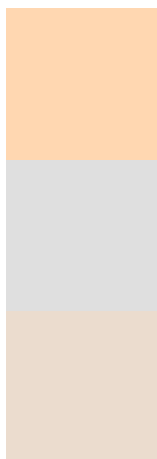
Deuteranomaly

73.6271, 72.6893, 53.8659

Tritanomaly

76.0460, 72.8520, 69.0853

Monochromacy



Original Color

73.4763, 73.0352, 51.8196

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

70.9947, 73.3048, 68.7999

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.4763, 73.0352, 51.8196 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, 215, 177)` looks like.

```
.text, #text, p{  
    color:rgb(255, 215, 177)  
}
```

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, 215, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 215, 177) }
```

Border

The CSS property to change the border of an element to XYZ 73.4763, 73.0352, 51.8196 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, 215, 177) }
```


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

```
.border{ border-color:rgb(255, 215, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 215, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 215, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 215, 177);  
box-shadow:4px 4px 4px 4px rgb(255, 215,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 73.4763, 73.0352, 51.8196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 215, 177) }
```

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

```
.background{ background-color: rgb(255,  
215, 177) }
```

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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