

Converting Colors

XYZ(76.9188, 72.2752, 57.3352)

Have a look what the booklet for
XYZ(76.9188, 72.2752, 57.3352)
contains.

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Color

**XYZ(73.1176, 70.4918,
57.3295)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD1BC
RGB	255, 209, 188
RGB Percent	100%, 82%, 74%
CMY	0.0000, 0.1804, 0.2627
CMYK	0.00, 0.18, 0.26, 0.00
HSL	19°, 100%, 87%
HSV	19°, 26%, 100%
XYZ	73.1176, 70.4918, 57.3295
YIQ	220.3600, 34.1570, 3.2210

Conversions

Conversions Part 2

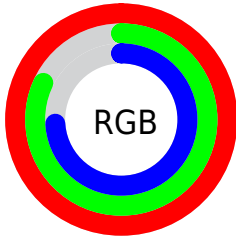
Format	Color
R _Y B	255, 219, 188
Decimal	16765372
CIE Lab	87.24, 13.15, 16.50
CIE LCh	87, 21.097, 51.440
Yxy	70.4918, 0.3639, 0.3508
Android (android.graphics.Color)	4294955452 (0xFFFFD1BC)
YUV	220.3600, -15.9535, 30.3793
Hunter-Lab	83.9594, 8.5211, 18.2869

Details

The XYZ color **73.1176, 70.4918, 57.3295** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.2109, 76.7545, 105.8277**, and the grayscale version is **68.3718, 71.9324, 78.3344**.

A 20% lighter version of the original color is **93.3291, 99.3117, 99.8380**, and **39.1205, 37.0623, 28.0135** is the 20% darker color. If you saturate the color by 10%, you get **66.5465, 61.3670, 42.7543**, and if you desaturate by 10%, it is **80.6498, 80.7611, 74.6229**.

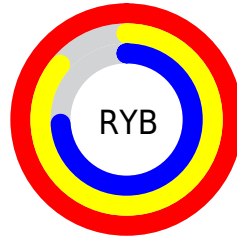
Distribution



Red (100%)

Green (82%)

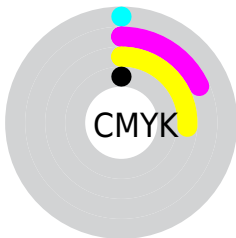
Blue (74%)



Red (100%)

Yellow (86%)

Blue (74%)

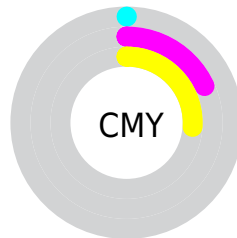


Cyan (0%)

Magenta (18%)

Yellow (26%)

Black (0%)



Cyan (0%)


Magenta (18%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.1176, 70.4918, 57.3295 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 73.1176, 70.4918, 57.3295 by changing the saturation by 10% instead.


 73.1176, 70.4918,
57.3295

 73.1176, 70.4918,
57.3295


460.5198,
462.2749, 432.2111

 54.3608, 51.9276,
40.8587


 122.6464,
119.9098, 102.4509

 39.1220, 36.9473,
27.8898


154.1491,
151.5324, 131.9386

 27.0358, 25.1667,
18.0043


190.6312,
188.2766, 166.6024

 17.7369, 16.2013,
10.7836

232.4581,
230.5267, 206.8608

 10.8598, 9.6667,
5.8092

279.9950,
278.6672, 253.1323

 6.0392, 5.1785,
2.6625

333.6073,

 2.9098, 2.3524,

333.0825, 305.8355

0.9245

393.6605,
394.1569, 365.3889

■ 1.1063, 0.8012,
0.0000

■ 0.0303, 0.0000,
0.0000

■ 73.1176, 70.4918,
57.3295

■ 73.1176, 70.4918,
57.3295

■ 66.5465, 61.3670,
42.7543

■ 80.6498, 80.7611,
74.6229

■ 60.8906, 53.3365,
30.7532

■ 89.1761, 92.2039,
94.7596

■ 56.1078, 46.3605,
21.1754

95.0500, 100.0000,
108.9000

■ 52.1502, 40.3927,
13.8524

■ 48.9647, 35.3830,
8.5937

■ 46.4911, 31.2767,
5.1769

■ 44.6573, 28.0114,
3.3259

■ 44.1047, 26.9893,
2.8849

Harmonies

Analogous

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



76.2675, 70.4918, 67.2036



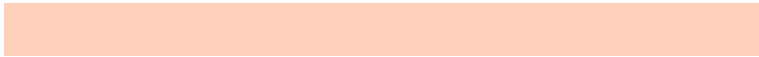
73.1176, 70.4918, 57.3295



68.4287, 70.4918, 52.8055

Triad

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



73.1176, 70.4918, 57.3295



58.0119, 70.4918, 72.7627



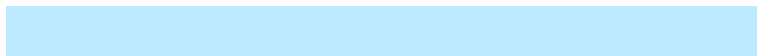
70.5444, 70.4918, 105.0622

Complementary

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



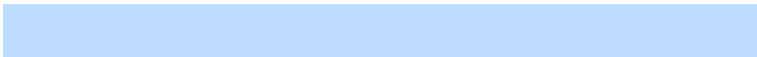
73.1176, 70.4918, 57.3295



68.2109, 76.7545, 105.8277

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.



65.5920, 70.4918, 107.0278



73.1176, 70.4918, 57.3295



58.5160, 70.4918, 87.1679

Square

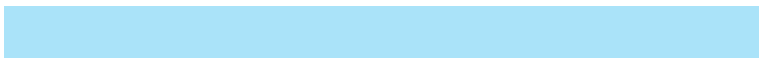
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.1176, 70.4918, 57.3295



59.8216, 70.4918, 60.9678



61.2342, 70.4918, 100.1335



74.7316, 70.4918, 95.0531

Rectangle

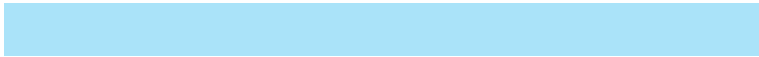
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.1176, 70.4918, 57.3295



65.1279, 70.4918, 52.9914



61.2342, 70.4918, 100.1335



68.9083, 70.4918, 106.7308

Sweetspot

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



73.1193, 70.4950, 57.3309



87.6317, 90.1431, 91.0753



74.2046, 63.2195, 86.8135



18.4740, 18.9161, 18.8218



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.



73.1193, 70.4950, 57.3309



69.2410, 65.1314, 48.6606



81.9506, 88.1575, 60.2747



18.4740, 18.9161, 18.8218



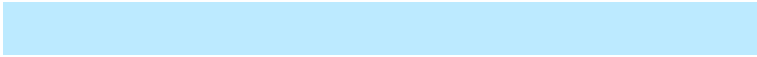
23.1625, 14.3362, 1.5464



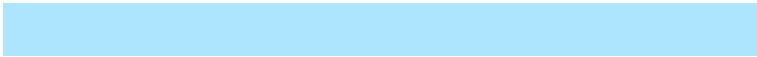
2.3480, 1.5815, 0.1815

Inverse Universe

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



68.2109, 76.7545, 105.8277



63.5071, 72.4198, 105.2390



59.7697, 59.8722, 103.0140



18.0463, 19.4643, 23.0558



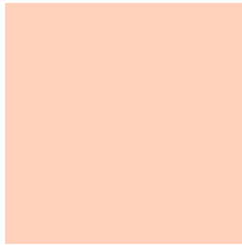
17.5869, 20.0835, 52.3842



1.8102, 2.1511, 5.1331

Previews

White Background



This preview shows how the XYZ color 73.1176, 70.4918, 57.3295 looks on a white background.

Color Contrast Check

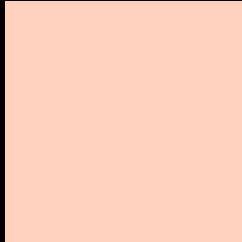
Large Text (above 18pt) WCAG AA × Fail

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 73.1176, 70.4918, 57.3295 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 73.1176, 70.4918, 57.3295

Background



This preview shows how black text looks on a background with the XYZ color 73.1176, 70.4918, 57.3295.



This preview shows how white text looks on a background with the XYZ color 73.1176, 70.4918,

57.3295.

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

73.1176, 70.4918, 57.3295

Protanopia

67.0101, 70.6511, 60.5573

Deuteranopia

72.1550, 70.7286, 57.4260



Tritanopia

76.2296, 70.5699, 77.3138

Trichromacy



Original Color

73.1176, 70.4918, 57.3295

Protanomaly

68.9643, 70.5396, 59.2709

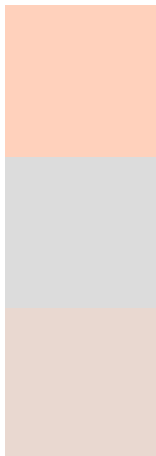
Deuteranomaly

72.2686, 70.4195, 57.3603

Tritanomaly

74.9380, 70.4397, 69.3211

Monochromacy



Original Color

73.1176, 70.4918, 57.3295

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

69.5453, 70.9894, 69.7114

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.1176, 70.4918, 57.3295 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, 209, 188)` looks like.

```
.text, #text, p{  
    color:rgb(255, 209, 188)  
}
```

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, 209, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 209, 188) }
```

Border

The CSS property to change the border of an element to XYZ 73.1176, 70.4918, 57.3295 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, 209, 188) }
```


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

```
.border{ border-color:rgb(255, 209, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 209, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 209, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 209, 188);  
box-shadow:4px 4px 4px 4px rgb(255, 209,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 73.1176, 70.4918, 57.3295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 209, 188) }
```

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

```
.background{ background-color: rgb(255,  
209, 188) }
```

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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