

Converting Colors

XYZ(108.8450, 88.4663,
62.7632)

Have a look what the booklet for
XYZ(108.8450, 88.4663, 62.7632)
contains.

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Color

**XYZ(73.6462, 70.3119,
61.3197)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD0C3
RGB	255, 208, 195
RGB Percent	100%, 82%, 76%
CMY	0.0000, 0.1843, 0.2353
CMYK	0.00, 0.18, 0.24, 0.00
HSL	13°, 100%, 88%
HSV	13°, 24%, 100%
XYZ	73.6462, 70.3119, 61.3197
YIQ	220.5710, 32.1850, 5.9210

Conversions

Conversions Part 2

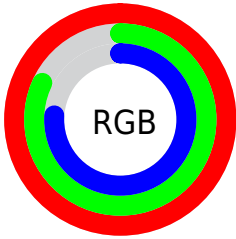
Format	Color
R _Y B	255, 212, 195
Decimal	16765123
CIE Lab	87.15, 14.63, 12.68
CIE LCh	87, 19.362, 40.920
Yxy	70.3119, 0.3588, 0.3425
Android (android.graphics.Color)	4294955203 (0xFFFFD0C3)
YUV	220.5710, -12.6065, 30.1942
Hunter-Lab	83.8522, 10.0327, 15.3388

Details

The XYZ color **73.6462, 70.3119, 61.3197** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.3068, 82.3237, 106.6868**, and the grayscale version is **68.4977, 72.0650, 78.4787**.

A 20% lighter version of the original color is **94.5707, 99.8083, 106.3760**, and **39.3893, 36.9046, 30.2466** is the 20% darker color. If you saturate the color by 10%, you get **66.4390, 60.1242, 45.8869**, and if you desaturate by 10%, it is **81.9625, 81.9292, 79.5529**.

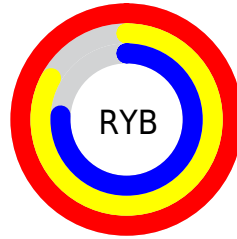
Distribution



Red (100%)

Green (82%)

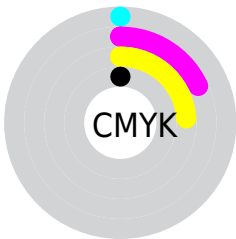
Blue (76%)



Red (100%)

Yellow (83%)

Blue (76%)

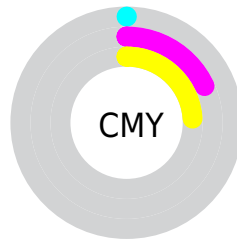


Cyan (0%)

Magenta (18%)

Yellow (24%)

Black (0%)



Cyan (0%)


Magenta (18%)


Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.6462, 70.3119, 61.3197 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 73.6462, 70.3119, 61.3197 by changing the saturation by 10% instead.


 73.6462, 70.3119,
61.3197

 73.6462, 70.3119,
61.3197


462.3206,
461.6444, 447.3842

 54.7948, 51.7809,
44.0510


123.3923,
119.6534, 108.3037

 39.4706, 36.8304,
30.3731

155.0178,
151.2327, 138.8562

 27.3084, 25.0762,
19.8675


191.6319,
187.9302, 174.6735

 17.9428, 16.1339,
12.1157

233.6001,
230.1303, 216.1745

 11.0083, 9.6189,
6.6990

281.2877,
278.2173, 263.7775

 6.1398, 5.1470,
3.1990

335.0601,

 2.9717, 2.3338,

332.5758, 317.9010

1.1971

395.2826,
393.5900, 378.9638

■ 1.1388, 0.7915,
0.0000

■ 0.0572, 0.0000,
0.0000

■ 73.6462, 70.3119,
61.3197

■ 73.6462, 70.3119,
61.3197

■ 66.4390, 60.1242,
45.8869

■ 81.9625, 81.9292,
79.5529

■ 60.2880, 51.3013,
33.1108

■ 91.4274, 95.0192,
100.7118

■ 55.1436, 43.7874,
22.8416

95.0500, 100.0000,
108.9000

■ 50.9500, 37.5187,
14.9128

■ 47.6458, 32.4265,
9.1371

■ 45.1616, 28.4345,
5.2988

■ 43.4164, 25.4570,
3.1355

■ 42.6191, 24.0183,
2.3897

Harmonies

Analogous

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



75.7740, 70.3119, 71.9180



73.6462, 70.3119, 61.3197



69.7243, 70.3119, 55.2746

Triad

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



73.6462, 70.3119, 61.3197



58.9130, 70.3119, 68.6712



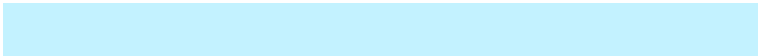
68.4970, 70.3119, 103.8280

Complementary

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



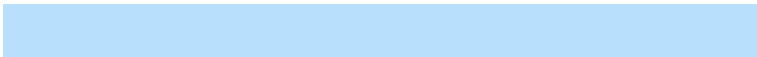
73.6462, 70.3119, 61.3197



72.3068, 82.3237, 106.6868

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.



64.0157, 70.3119, 102.7036



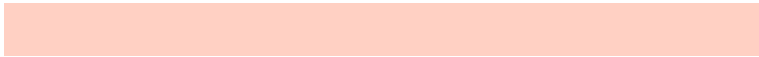
73.6462, 70.3119, 61.3197



58.6178, 70.3119, 81.3928

Square

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



73.6462, 70.3119, 61.3197



61.2721, 70.3119, 59.1751



60.4467, 70.3119, 94.1316



72.7128, 70.3119, 97.0491

Rectangle

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



73.6462, 70.3119, 61.3197



66.6893, 70.3119, 54.1789



60.4467, 70.3119, 94.1316



66.9696, 70.3119, 104.3797

Sweetspot

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



73.6479, 70.3150, 61.3211



88.0089, 90.3051, 93.0278



76.7825, 66.7017, 92.8325



18.7134, 19.1575, 19.6337



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.



73.6479, 70.3150, 61.3211



70.2908, 65.5858, 54.0825



81.6652, 86.3495, 63.9936



18.3285, 18.6252, 18.7733



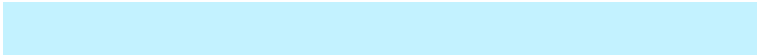
22.3575, 12.7263, 1.2780



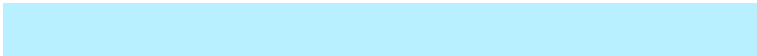
2.2527, 1.3908, 0.1497

Inverse Universe

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



72.3068, 82.3237, 106.6868



68.7416, 79.4012, 106.3106



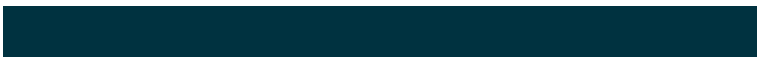
64.0998, 65.9098, 103.9512



18.2011, 19.7739, 23.1074



20.3053, 25.5203, 53.2903



2.0560, 2.6427, 5.2150

Previews

White Background



This preview shows how the XYZ color 73.6462, 70.3119, 61.3197 looks on a white background.

Color Contrast Check

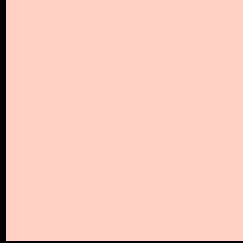
Large Text (above 18pt) WCAG AA × Fail

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 73.6462, 70.3119, 61.3197 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 73.6462, 70.3119, 61.3197

Background



This preview shows how black text looks on a background with the XYZ color 73.6462, 70.3119, 61.3197.



This preview shows how white text looks on a background with the XYZ color 73.6462, 70.3119,

61.3197.

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

73.6462, 70.3119, 61.3197

Protanopia

67.1753, 70.6438, 64.7387

Deuteranopia

71.7433, 70.4400, 60.8539



Tritanopia

75.9896, 70.0900, 77.2338

Trichromacy



Original Color

73.6462, 70.3119, 61.3197

Protanomaly

69.1647, 70.1749, 63.3258

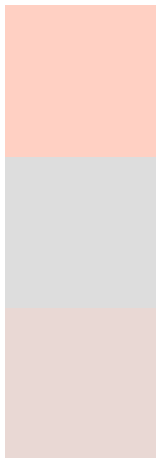
Deuteranomaly

72.5679, 70.4975, 60.8216

Tritanomaly

75.0692, 70.1058, 71.2032

Monochromacy



Original Color

73.6462, 70.3119, 61.3197

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

70.0438, 71.1888, 72.3365

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.6462, 70.3119, 61.3197 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, 208, 195)` looks like.

```
.text, #text, p{  
    color:rgb(255, 208, 195)  
}
```

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, 208, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 208, 195) }
```

Border

The CSS property to change the border of an element to XYZ 73.6462, 70.3119, 61.3197 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, 208, 195) }
```


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

```
.border{ border-color:rgb(255, 208, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 208, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 208, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 208, 195);  
box-shadow:4px 4px 4px 4px rgb(255, 208,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 73.6462, 70.3119, 61.3197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 208, 195) }
```

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

```
.background{ background-color: rgb(255,  
208, 195) }
```

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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