

Converting Colors

XYZ(73.0638, 68.8665, 61.9903)

Have a look what the booklet for
XYZ(73.0638, 68.8665, 61.9903)
contains.

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Color

**XYZ(73.1494, 68.9539,
62.2774)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCDC5
RGB	255, 205, 197
RGB Percent	100%, 80%, 77%
CMY	0.0000, 0.1961, 0.2274
CMYK	0.00, 0.20, 0.23, 0.00
HSL	8°, 100%, 89%
HSV	8°, 23%, 100%
XYZ	73.1494, 68.9539, 62.2774
YIQ	219.0380, 32.3680, 8.1120

Conversions

Conversions Part 2

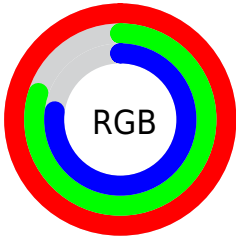
Format	Color
R _Y B	255, 206, 197
Decimal	16764357
CIE Lab	86.48, 16.48, 10.67
CIE LCh	86, 19.632, 32.937
Yxy	68.9539, 0.3579, 0.3374
Android (android.graphics.Color)	4294954437 (0xFFFFCDC5)
YUV	219.0380, -10.8647, 31.5387
Hunter-Lab	83.0385, 11.9250, 13.6605

Details

The XYZ color **73.1494, 68.9539, 62.2774** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.3357, 85.6092, 107.2141**, and the grayscale version is **67.4171, 70.9280, 77.2406**.

A 20% lighter version of the original color is **94.8894, 99.9358, 108.0543**, and **39.0505, 35.9867, 30.8745** is the 20% darker color. If you saturate the color by 10%, you get **65.5774, 58.0970, 46.5368**, and if you desaturate by 10%, it is **81.9577, 81.4919, 80.8701**.

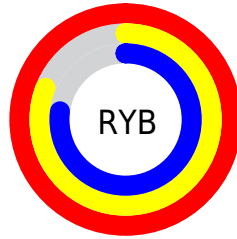
Distribution



Red (100%)

Green (80%)

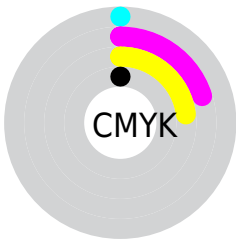
Blue (77%)



Red (100%)

Yellow (81%)

Blue (77%)

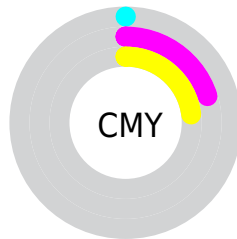


Cyan (0%)

Magenta (20%)

Yellow (23%)

Black (0%)



Cyan (0%)


Magenta (20%)


Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.1494, 68.9539, 62.2774 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 73.1494, 68.9539, 62.2774 by changing the saturation by 10% instead.


 73.1494, 68.9539,
62.2774

 73.1494, 68.9539,
62.2774


460.6282,
456.8684, 450.9778

 54.3869, 50.6742,
44.8196


122.6913,
117.7157, 109.7018

 39.1430, 35.9494,
30.9735

154.2014,
148.9666, 140.5056

 27.0522, 24.3951,
20.3204


190.6915,
185.3100, 176.5951

 17.7492, 15.6270,
12.4417

232.5268,
227.1303, 218.3889

 10.8687, 9.2606,
6.9191

280.0728,
274.8119, 266.3055

 6.0452, 4.9115,
3.3339

333.6948,

 2.9135, 2.1954,

328.7392, 320.7635

1.2675

393.7582,
389.2965, 382.1814

■ 1.1082, 0.7175,
0.0350

■ 0.0320, 0.0000,
0.0000

■ 73.1494, 68.9539,
62.2774

■ 73.1494, 68.9539,
62.2774

■ 65.5774, 58.0970,
46.5368

■ 81.9577, 81.4919,
80.8701

■ 59.1812, 48.8409,
33.5028

■ 92.0491, 95.7687,
102.4419

■ 53.9027, 41.1122,
23.0238

95.0500, 100.0000,
108.9000

■ 49.6767, 34.8284,
14.9312

■ 46.4314, 29.8990,
9.0361

■ 44.0853, 26.2231,
5.1210

■ 42.5434, 23.6854,
2.9235

■ 41.8468, 22.4735,
2.1323

Harmonies

Analogous

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



74.6586, 68.9539, 73.8040



73.1494, 68.9539, 62.2774



69.5952, 68.9539, 54.9255

Triad

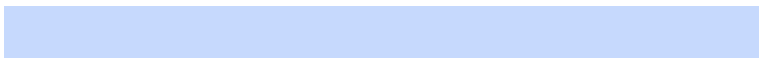
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.1494, 68.9539, 62.2774



58.0609, 68.9539, 64.2589



65.9874, 68.9539, 102.9482

Complementary

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



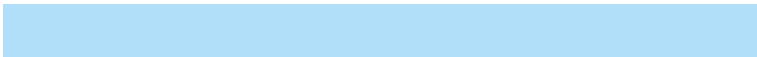
73.1494, 68.9539, 62.2774



74.3357, 85.6092, 107.2141

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.



61.6428, 68.9539, 99.6428



73.1494, 68.9539, 62.2774



57.1933, 68.9539, 76.3688

Square

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



73.1494, 68.9539, 62.2774



60.9013, 68.9539, 55.9732



58.4749, 68.9539, 89.5248



70.4056, 68.9539, 98.1021

Rectangle

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



73.1494, 68.9539, 62.2774



66.6189, 68.9539, 52.8809



58.4749, 68.9539, 89.5248



64.4700, 68.9539, 102.7545

Sweetspot

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



73.1511, 68.9570, 62.2788



87.5944, 89.4761, 92.8896



78.0363, 67.9251, 97.2097



18.6177, 18.9661, 19.6018



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

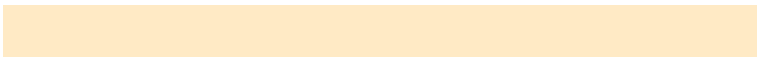
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.1511, 68.9570, 62.2788



69.7805, 64.1348, 55.2394



80.6653, 83.9855, 64.7836



18.2115, 18.3912, 18.7343



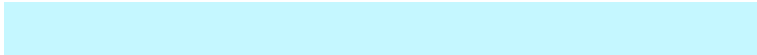
21.9270, 11.8652, 1.1345



2.1936, 1.2726, 0.1300

Inverse Universe

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



74.3357, 85.6092, 107.2141



71.1393, 83.2842, 106.9338



66.2172, 69.3723, 104.5079



18.3285, 20.0287, 23.1499



22.8604, 30.6303, 54.1420



2.2822, 3.0951, 5.2904

Previews

White Background



This preview shows how the XYZ color 73.1494, 68.9539, 62.2774 looks on a white background.

Color Contrast Check

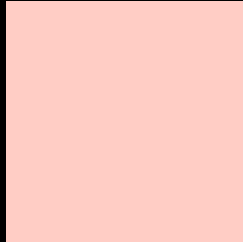
Large Text (above 18pt) WCAG AA × Fail

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 73.1494, 68.9539, 62.2774 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

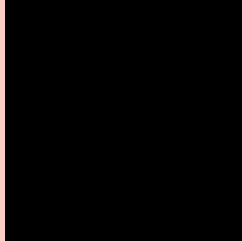
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.1494, 68.9539, 62.2774

Background



This preview shows how black text looks on a background with the XYZ color 73.1494, 68.9539, 62.2774.



This preview shows how white text looks on a background with the XYZ color 73.1494, 68.9539,

62.2774.

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

73.1494, 68.9539, 62.2774

Protanopia

66.0758, 69.2708, 66.3879

Deuteranopia

70.4205, 68.9989, 61.8311



Tritanopia

75.1203, 68.9816, 75.0012

Trichromacy



Original Color

73.1494, 68.9539, 62.2774

Protanomaly

68.3470, 68.9662, 64.9679

Deuteranomaly

71.5866, 69.2370, 61.8156

Tritanomaly

74.4657, 69.0989, 70.3854

Monochromacy



Original Color

73.1494, 68.9539, 62.2774

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

69.0832, 69.9521, 71.4890

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.1494, 68.9539, 62.2774 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, 205, 197)` looks like.

```
.text, #text, p{  
    color:rgb(255, 205, 197)  
}
```

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, 205, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 205, 197) }
```

Border

The CSS property to change the border of an element to XYZ 73.1494, 68.9539, 62.2774 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, 205, 197) }
```


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

```
.border{ border-color:rgb(255, 205, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 205, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 205, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 205, 197);  
box-shadow:4px 4px 4px 4px rgb(255, 205,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 73.1494, 68.9539, 62.2774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 205, 197) }
```

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

```
.background{ background-color: rgb(255,  
205, 197) }
```

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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