

Converting Colors

XYZ(74.9455, 73.3629, 60.3577)

Have a look what the booklet for
XYZ(74.9455, 73.3629, 60.3577)
contains.

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Color

**XYZ(74.8010, 73.1589,
60.0478)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD6C0
RGB	255, 214, 192
RGB Percent	100%, 84%, 75%
CMY	0.0000, 0.1608, 0.2471
CMYK	0.00, 0.16, 0.25, 0.00
HSL	21°, 100%, 88%
HSV	21°, 25%, 100%
XYZ	74.8010, 73.1589, 60.0478
YIQ	223.7510, 31.4980, 1.8500

Conversions

Conversions Part 2

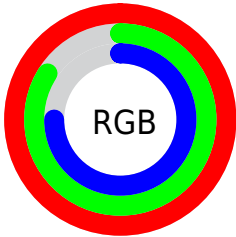
Format	Color
R _Y B	255, 226, 192
Decimal	16766656
CIE Lab	88.52, 11.10, 16.20
CIE LCh	89, 19.637, 55.591
Yxy	73.1589, 0.3596, 0.3517
Android (android.graphics.Color)	4294956736 (0xFFFFD6C0)
YUV	223.7510, -15.6532, 27.4054
Hunter-Lab	85.5330, 6.4206, 18.2490

Details

The XYZ color **74.8010, 73.1589, 60.0478** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.9262, 76.7019, 105.7799**, and the grayscale version is **70.7677, 74.4532, 81.0795**.

A 20% lighter version of the original color is **93.9433, 99.5573, 103.0721**, and **40.2743, 38.6370, 29.3798** is the 20% darker color. If you saturate the color by 10%, you get **68.2293, 64.1520, 45.1046**, and if you desaturate by 10%, it is **82.2937, 83.2237, 77.7147**.

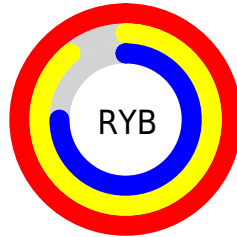
Distribution



Red (100%)

Green (84%)

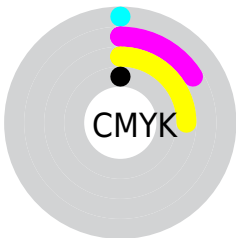
Blue (75%)



Red (100%)

Yellow (89%)

Blue (75%)

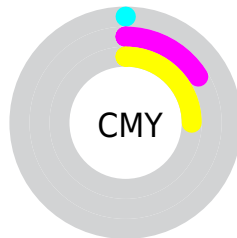


Cyan (0%)

Magenta (16%)

Yellow (25%)

Black (0%)



Cyan (0%)


Magenta (16%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.8010, 73.1589, 60.0478 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 74.8010, 73.1589, 60.0478 by changing the saturation by 10% instead.


 74.8010, 73.1589,
60.0478

 74.8010, 73.1589,
60.0478


466.2410,
471.5653, 442.5835

 55.7435, 54.1059,
43.0316


 125.0200,
123.7028, 106.4431

 40.2335, 38.6863,
29.5783


156.9123,
155.9624, 136.6592

 27.9057, 26.5158,
19.2694


193.8135,
193.3931, 172.1124

 18.3946, 17.2099,
11.6863

236.0889,
236.3792, 213.2213

 11.3351, 10.3843,
6.4105

284.1041,
285.3050, 260.4042

 6.3616, 5.6545,
3.0235

338.2242,

 3.1089, 2.6361,

340.5551, 314.0799

1.1066

398.8148,
402.5137, 374.6668

■ 1.2116, 0.9449,
0.0000

■ 0.1155, 0.0000,
0.0000

■ 74.8010, 73.1589,
60.0478

■ 74.8010, 73.1589,
60.0478

■ 68.2293, 64.1520,
45.1046

■ 82.2937, 83.2237,
77.7147

■ 62.5351, 56.1577,
32.7435

■ 90.7376, 94.3705,
98.2283

■ 57.6796, 49.1416,
22.8166

95.0500, 100.0000,
108.9000

■ 53.6181, 43.0633,
15.1593

■ 50.3015, 37.8794,
9.5859

■ 47.6742, 33.5423,
5.8812

■ 45.6700, 29.9985,
3.7812

■ 44.8181, 28.4162,
3.1227

Harmonies

Analogous

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



78.0623, 73.1589, 68.9312



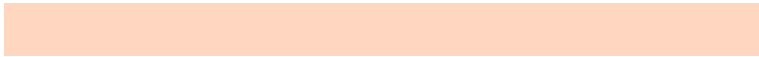
74.8010, 73.1589, 60.0478



70.2367, 73.1589, 56.4135

Triad

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



74.8010, 73.1589, 60.0478



60.8582, 73.1589, 77.6723



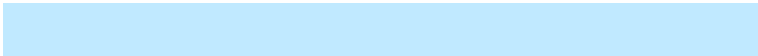
73.5370, 73.1589, 105.5265

Complementary

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



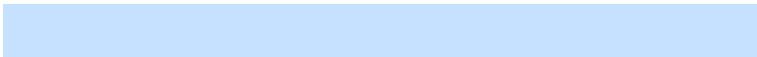
74.8010, 73.1589, 60.0478



68.9262, 76.7019, 105.7799

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.



68.8386, 73.1589, 108.5429



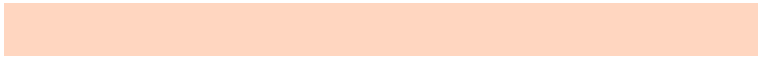
74.8010, 73.1589, 60.0478



61.6531, 73.1589, 91.4428

Square

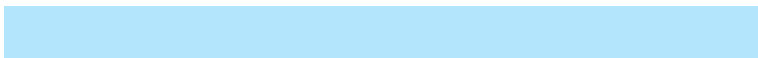
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.8010, 73.1589, 60.0478



62.3005, 73.1589, 65.8301



64.5228, 73.1589, 103.1300



77.3096, 73.1589, 95.2973

Rectangle

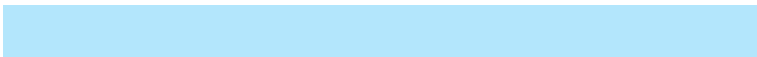
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.8010, 73.1589, 60.0478



67.1202, 73.1589, 57.1164



64.5228, 73.1589, 103.1300



72.0077, 73.1589, 107.4637

Sweetspot

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



74.8028, 73.1622, 60.0493



88.7139, 91.7150, 93.2627



74.9414, 64.9005, 86.4195



18.8763, 19.4833, 19.6880



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.



74.8028, 73.1622, 60.0493



71.2103, 68.2627, 51.8060



83.2560, 90.0687, 62.8671



18.5283, 19.0247, 18.8399



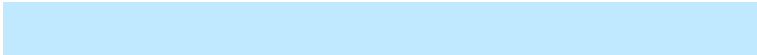
23.5442, 15.0996, 1.6736



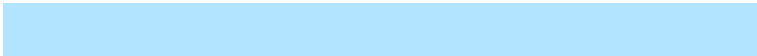
2.3902, 1.6657, 0.1955

Inverse Universe

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



68.9262, 76.7019, 105.7799



64.3454, 72.3849, 105.1881



61.0270, 60.9034, 103.1468



17.9896, 19.3508, 23.0369



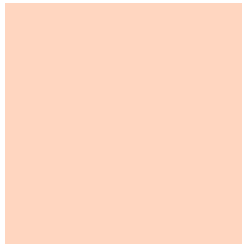
16.6955, 18.3006, 52.0870



1.7281, 1.9868, 5.1057

Previews

White Background



This preview shows how the XYZ color 74.8010, 73.1589, 60.0478 looks on a white background.

Color Contrast Check

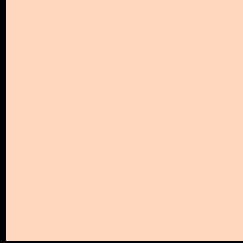
Large Text (above 18pt) WCAG AA × Fail

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 74.8010, 73.1589, 60.0478 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

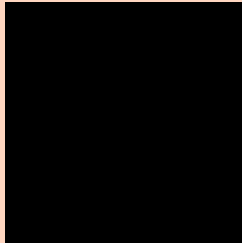
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.8010, 73.1589, 60.0478

Background



This preview shows how black text looks on a background with the XYZ color 74.8010, 73.1589, 60.0478.



This preview shows how white text looks on a background with the XYZ color 74.8010, 73.1589,

60.0478.

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

74.8010, 73.1589, 60.0478

Protanopia

69.6894, 73.5517, 62.7484

Deuteranopia

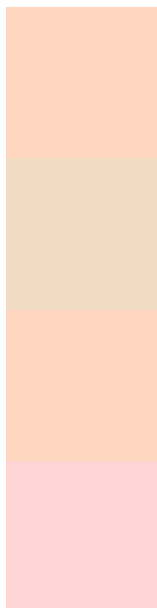
74.8010, 73.1589, 60.0478



Tritanopia

78.1249, 73.2848, 81.2619

Trichromacy



Original Color

74.8010, 73.1589, 60.0478

Protanomaly

71.4575, 73.3039, 62.0126

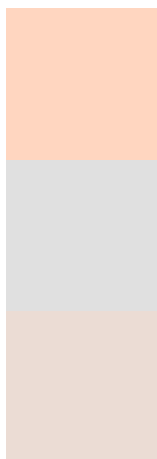
Deuteranomaly

74.8010, 73.1589, 60.0478

Tritanomaly

76.7937, 73.1511, 73.0229

Monochromacy



Original Color

74.8010, 73.1589, 60.0478

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

71.7378, 73.6020, 72.7130

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.8010, 73.1589, 60.0478 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, 214, 192)` looks like.

```
.text, #text, p{  
    color:rgb(255, 214, 192)  
}
```

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, 214, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 214, 192) }
```

Border

The CSS property to change the border of an element to XYZ 74.8010, 73.1589, 60.0478 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, 214, 192) }
```


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

```
.border{ border-color:rgb(255, 214, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 214, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 214, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 214, 192);  
box-shadow:4px 4px 4px 4px rgb(255, 214,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 74.8010, 73.1589, 60.0478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 214, 192) }
```

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

```
.background{ background-color: rgb(255,  
214, 192) }
```

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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