

Converting Colors

XYZ(75.1755, 73.9174, 60.1434)

Have a look what the booklet for
XYZ(75.1755, 73.9174, 60.1434)
contains.

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Color

**XYZ(75.3103, 74.1775,
60.2176)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD8C0
RGB	255, 216, 192
RGB Percent	100%, 85%, 75%
CMY	0.0000, 0.1529, 0.2471
CMYK	0.00, 0.15, 0.25, 0.00
HSL	23°, 100%, 88%
HSV	23°, 25%, 100%
XYZ	75.3103, 74.1775, 60.2176
YIQ	224.9250, 30.9480, 0.8040

Conversions

Conversions Part 2

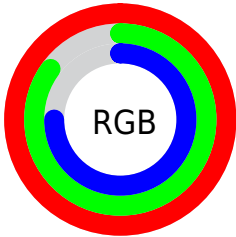
Format	Color
R_{YB}	255, 231, 192
Decimal	16767168
CIE _{Lab}	89.01, 10.06, 16.88
CIE _{LCh}	89, 19.650, 59.202
Yxy	74.1775, 0.3591, 0.3537
Android (android.graphics.Color)	4294957248 (0xFFFFD8C0)
YUV	224.9250, -16.2320, 26.3758
Hunter-Lab	86.1264, 5.3622, 18.8342

Details

The XYZ color **75.3103, 74.1775, 60.2176** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.3633, 75.5760, 105.5922**, and the grayscale version is **71.6131, 75.3425, 82.0480**.

A 20% lighter version of the original color is **93.9433, 99.5573, 103.0721**, and **40.6210, 39.3305, 29.4953** is the 20% darker color. If you saturate the color by 10%, you get **68.8750, 65.4434, 45.3199**, and if you desaturate by 10%, it is **82.6273, 83.8909, 77.8260**.

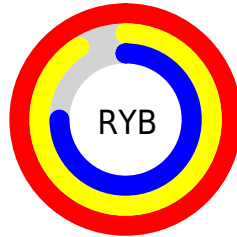
Distribution



Red (100%)

Green (85%)

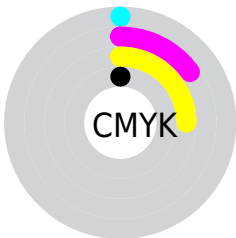
Blue (75%)



Red (100%)

Yellow (91%)

Blue (75%)

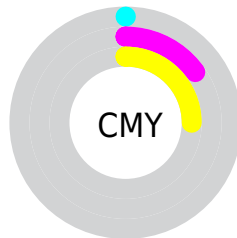


Cyan (0%)

Magenta (15%)

Yellow (25%)

Black (0%)



Cyan (0%)


Magenta (15%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.3103, 74.1775, 60.2176 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 75.3103, 74.1775, 60.2176 by changing the saturation by 10% instead.

 75.3103, 74.1775,
60.2176

 75.3103, 74.1775,
60.2176


467.9642,
475.0858, 443.2263

 56.1622, 54.9393,
43.1676


 125.7371,
125.1474, 106.6917

 40.5705, 39.3531,
29.6843


157.7465,
157.6479, 136.9529

 28.1698, 27.0346,
19.3490


194.7736,
195.3380, 172.4550

 18.5948, 17.5992,
11.7434

237.1840,
238.6020, 213.6163

 11.4801, 10.6626,
6.4488

285.3429,
287.8244, 260.8556

 6.4604, 5.8404,
3.0467

339.6156,

 3.1703, 2.7483,

343.3896, 314.5913

1.1185

400.3676,
405.6819, 375.2420

■ 1.2445, 1.0018,
0.0000

■ 0.1410, 0.0000,
0.0000

■ 75.3103, 74.1775,
60.2176

■ 75.3103, 74.1775,
60.2176

■ 68.8750, 65.4434,
45.3199

■ 82.6273, 83.8909,
77.8260

■ 63.2797, 57.6468,
32.9917

■ 90.8543, 94.6040,
98.2673

■ 58.4874, 50.7573,
23.0860

95.0500, 100.0000,
108.9000

■ 54.4558, 44.7388,
15.4386

■ 51.1380, 39.5523,
9.8648

■ 48.4807, 35.1554,
6.1501

■ 46.4207, 31.5000,
4.0314

■ 45.5299, 29.8397,
3.3600

Harmonies

Analogous

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



78.8266, 74.1775, 68.6033



75.3103, 74.1775, 60.2176



70.6314, 74.1775, 57.2215

Triad

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



75.3103, 74.1775, 60.2176



61.7146, 74.1775, 80.4012



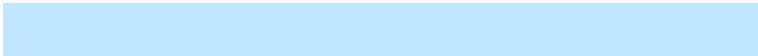
75.0792, 74.1775, 105.9659

Complementary

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



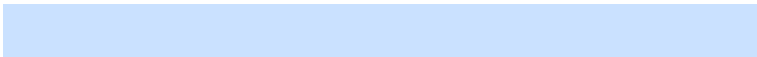
75.3103, 74.1775, 60.2176



68.3633, 75.5760, 105.5922

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.



70.3758, 74.1775, 110.0193



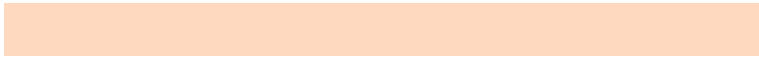
75.3103, 74.1775, 60.2176



62.7879, 74.1775, 94.2889

Square

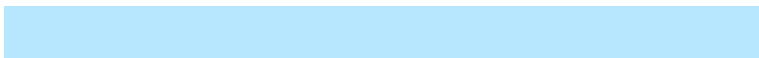
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.3103, 74.1775, 60.2176



62.9063, 74.1775, 68.0362



65.9057, 74.1775, 105.5279



78.6890, 74.1775, 94.9936

Rectangle

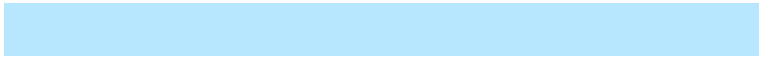
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.3103, 74.1775, 60.2176



67.5262, 74.1775, 58.3902



65.9057, 74.1775, 105.5279



73.5670, 74.1775, 108.2342

Sweetspot

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



75.3121, 74.1808, 60.2191



88.8841, 92.0554, 93.3195



74.6414, 64.7806, 84.8398



18.9157, 19.5621, 19.7011



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.



75.3121, 74.1808, 60.2191



71.7966, 69.4353, 52.0014



83.8933, 91.3431, 63.0795



18.5766, 19.1215, 18.8560



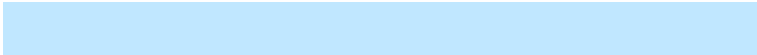
23.9230, 15.8572, 1.7999



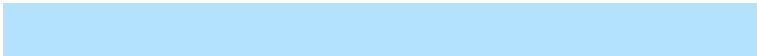
2.4308, 1.7470, 0.2091

Inverse Universe

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



68.3633, 75.5760, 105.5922



63.6808, 71.0558, 104.9666



60.5361, 59.9215, 102.9831



17.9394, 19.2505, 23.0202



15.9544, 16.8185, 51.8400



1.6590, 1.8487, 5.0827

Previews

White Background



This preview shows how the XYZ color 75.3103, 74.1775, 60.2176 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 75.3103, 74.1775, 60.2176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

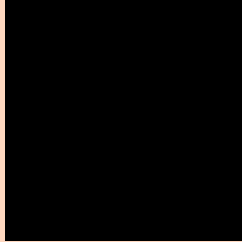
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.3103, 74.1775, 60.2176

Background



This preview shows how black text looks on a background with the XYZ color 75.3103, 74.1775, 60.2176.



This preview shows how white text looks on a background with the XYZ color 75.3103, 74.1775,

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

75.3103, 74.1775, 60.2176

Protanopia

70.2832, 74.2533, 62.8526

Deuteranopia

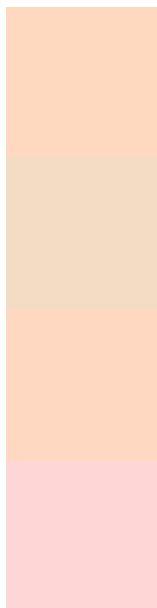
75.5335, 74.2668, 61.3928



Tritanopia

78.8994, 74.3946, 82.8742

Trichromacy



Original Color

75.3103, 74.1775, 60.2176

Protanomaly

72.0615, 74.0038, 62.1159

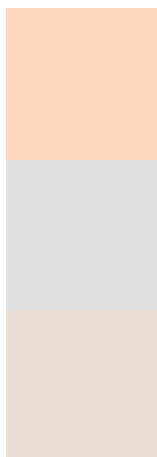
Deuteranomaly

75.4215, 74.2220, 60.8032

Tritanomaly

77.4242, 74.2082, 73.8612

Monochromacy



Original Color

75.3103, 74.1775, 60.2176

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

72.7236, 74.8795, 73.5710

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.3103, 74.1775, 60.2176 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, 216, 192)` looks like.

```
.text, #text, p{  
    color:rgb(255, 216, 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, 216, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 216, 192) }
```

Border

The CSS property to change the border of an element to XYZ 75.3103, 74.1775, 60.2176 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, 216, 192) }
```


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

```
.border{ border-color:rgb(255, 216, 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, 216, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 216, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 216, 192);  
box-shadow:4px 4px 4px 4px rgb(255, 216,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 75.3103, 74.1775, 60.2176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 216, 192) }
```

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

```
.background{ background-color: rgb(255,  
216, 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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