

Converting Colors

XYZ(80.8506, 76.4223, 64.0054)

Have a look what the booklet for
XYZ(80.8506, 76.4223, 64.0054)
contains.

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Color

**XYZ(75.7335, 73.9381,
63.7060)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD7C6
RGB	255, 215, 198
RGB Percent	100%, 84%, 78%
CMY	0.0000, 0.1568, 0.2235
CMYK	0.00, 0.16, 0.22, 0.00
HSL	18°, 100%, 89%
HSV	18°, 22%, 100%
XYZ	75.7335, 73.9381, 63.7060
YIQ	225.0220, 29.2970, 3.1930

Conversions

Conversions Part 2

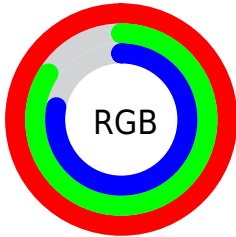
Format	Color
R _Y B	255, 222, 198
Decimal	16766918
CIE Lab	88.89, 11.41, 13.57
CIE LCh	89, 17.734, 49.940
Yxy	73.9381, 0.3549, 0.3465
Android (android.graphics.Color)	4294956998 (0xFFFFD7C6)
YUV	225.0220, -13.3218, 26.2907
Hunter-Lab	85.9873, 6.7366, 16.2645

Details

The XYZ color **75.7335, 73.9381, 63.7060** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.9124, 80.3724, 106.3310**, and the grayscale version is **71.6634, 75.3955, 82.1057**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.8935, 39.1610, 31.7891** is the 20% darker color. If you saturate the color by 10%, you get **68.7268, 64.2421, 48.0605**, and if you desaturate by 10%, it is **83.7373, 84.8353, 82.1286**.

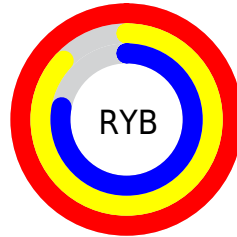
Distribution



Red (100%)

Green (84%)

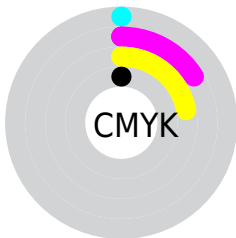
Blue (78%)



Red (100%)

Yellow (87%)

Blue (78%)

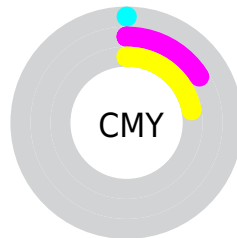


Cyan (0%)

Magenta (16%)

Yellow (22%)

Black (0%)



Cyan (0%)

Magenta (16%)

Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.7335, 73.9381, 63.7060 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 75.7335, 73.9381, 63.7060 by changing the saturation by 10% instead.


 75.7335, 73.9381,
63.7060

 75.7335, 73.9381,
63.7060


469.3934,
474.2597, 456.3055

 56.5103, 54.7434,
45.9679


126.3325,
124.8081, 111.7828

 40.8508, 39.1963,
31.8720


158.4390,
157.2521, 142.9586

 28.3897, 26.9125,
20.9998


195.5706,
194.8813, 179.4508

 18.7616, 17.5075,
12.9326

238.0928,
238.0802, 221.6778

 11.6011, 10.5970,
7.2520

286.3707,
287.2331, 270.0583

 6.5429, 5.7965,
3.5393

340.7699,

 3.2217, 2.7218,

342.7243, 325.0107

1.3762

401.6557,
404.9384, 386.9535

■ 1.2721, 0.9883,
0.1230

■ 0.1622, 0.0000,
0.0000

■ 75.7335, 73.9381,
63.7060

■ 75.7335, 73.9381,
63.7060

■ 68.7268, 64.2421,
48.0605

■ 83.7373, 84.8353,
82.1286

■ 62.6711, 55.6956,
35.0517

■ 92.7711, 96.9636,
103.4502

■ 57.5245, 48.2576,
24.5337

95.0500, 100.0000,
108.9000

■ 53.2395, 41.8808,
16.3445

■ 49.7641, 36.5139,
10.3028

■ 47.0396, 32.1012,
6.1997

■ 44.9977, 28.5805,
3.7837

■ 43.8296, 26.4393,
2.7932

Harmonies

Analogous

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



78.3398, 73.9381, 72.6962



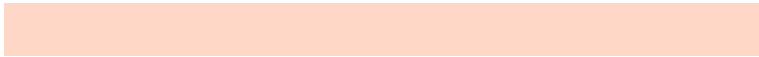
75.7335, 73.9381, 63.7060



71.7303, 73.9381, 59.3661

Triad

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



75.7335, 73.9381, 63.7060



62.4441, 73.9381, 76.4397



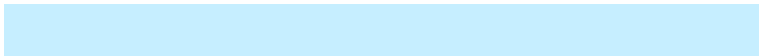
73.1341, 73.9381, 104.8845

Complementary

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



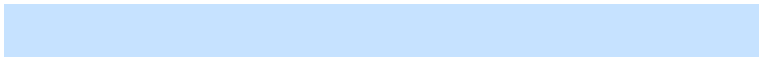
75.7335, 73.9381, 63.7060



71.9124, 80.3724, 106.3310

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.



68.8414, 73.9381, 106.1489



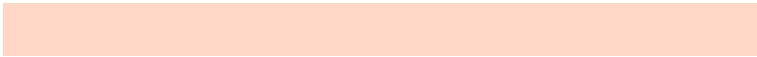
75.7335, 73.9381, 63.7060



62.7854, 73.9381, 88.8561

Square

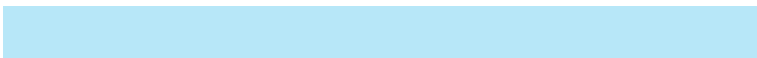
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.7335, 73.9381, 63.7060



64.1348, 73.9381, 66.2057



65.0871, 73.9381, 100.0269



76.7971, 73.9381, 96.7302

Rectangle

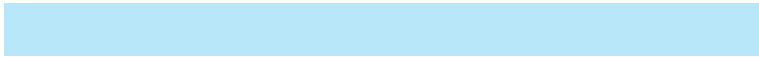
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.7335, 73.9381, 63.7060



68.8581, 73.9381, 59.3591



65.0871, 73.9381, 100.0269



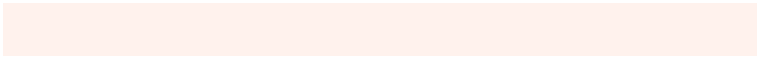
71.7131, 73.9381, 106.1592

Sweetspot

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



75.7353, 73.9414, 63.7075



88.4418, 91.1708, 93.1720



76.9924, 67.8721, 90.5883



18.8134, 19.3575, 19.6671



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.



75.7353, 73.9414, 63.7075



72.3568, 69.2873, 56.0982



83.3793, 89.2294, 66.2555



18.4510, 18.8703, 18.8142



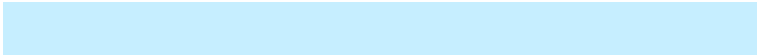
23.0147, 14.0407, 1.4971



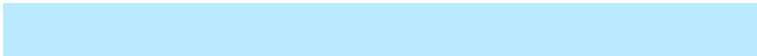
2.3313, 1.5480, 0.1759

Inverse Universe

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



71.9124, 80.3724, 106.3310



67.8900, 76.7856, 105.8507



64.4726, 65.4929, 103.8511



18.0705, 19.5126, 23.0638



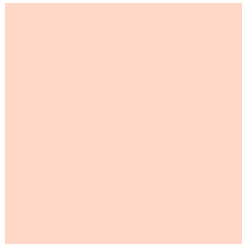
17.9834, 20.8763, 52.5163



1.8465, 2.2236, 5.1452

Previews

White Background



This preview shows how the XYZ color 75.7335, 73.9381, 63.7060 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 75.7335, 73.9381, 63.7060 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 75.7335, 73.9381, 63.7060

Background



This preview shows how black text looks on a background with the XYZ color 75.7335, 73.9381, 63.7060.



This preview shows how white text looks on a background with the XYZ color 75.7335, 73.9381,

63.7060.

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

75.7335, 73.9381, 63.7060

Protanopia

70.3271, 74.1954, 66.4916

Deuteranopia

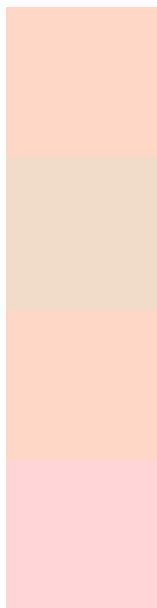
75.3665, 73.7489, 63.6888



Tritanopia

78.6486, 73.8930, 82.7906

Trichromacy



Original Color

75.7335, 73.9381, 63.7060

Protanomaly

72.0710, 73.9287, 65.7295

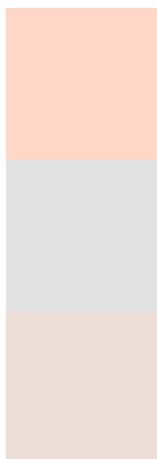
Deuteranomaly

75.3665, 73.7489, 63.6888

Tritanomaly

77.4289, 73.8064, 75.1309

Monochromacy



Original Color

75.7335, 73.9381, 63.7060

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

72.7143, 74.4521, 74.8282

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.7335, 73.9381, 63.7060 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, 215, 198) looks like.

```
.text, #text, p{  
    color:rgb(255, 215, 198)  
}
```

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, 215, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 215, 198) }
```

Border

The CSS property to change the border of an element to XYZ 75.7335, 73.9381, 63.7060 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, 215, 198) }
```


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

```
.border{ border-color:rgb(255, 215, 198) }
```

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

Here you see how a box with a 4 pixel rgb(255, 215, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 215, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 215, 198);  
box-shadow:4px 4px 4px 4px rgb(255, 215,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 75.7335, 73.9381, 63.7060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 215, 198) }
```

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

```
.background{ background-color: rgb(255,  
215, 198) }
```

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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