

Converting Colors

XYZ(110.0221, 92.3666,
65.2709)

Have a look what the booklet for
XYZ(110.0221, 92.3666, 65.2709)
contains.

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Color

**XYZ(76.2459, 74.9629,
63.8768)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD9C6
RGB	255, 217, 198
RGB Percent	100%, 85%, 78%
CMY	0.0000, 0.1490, 0.2235
CMYK	0.00, 0.15, 0.22, 0.00
HSL	20°, 100%, 89%
HSV	20°, 22%, 100%
XYZ	76.2459, 74.9629, 63.8768
YIQ	226.1960, 28.7470, 2.1470

Conversions

Conversions Part 2

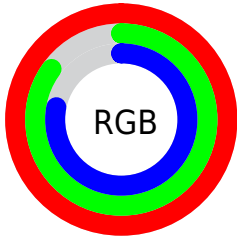
Format	Color
R _Y B	255, 227, 198
Decimal	16767430
CIE Lab	89.38, 10.38, 14.26
CIE LCh	89, 17.632, 53.948
Yxy	74.9629, 0.3545, 0.3485
Android (android.graphics.Color)	4294957510 (0xFFFFD9C6)
YUV	226.1960, -13.9006, 25.2611
Hunter-Lab	86.5811, 5.6754, 16.8645

Details

The XYZ color **76.2459, 74.9629, 63.8768** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.3333, 79.2143, 106.1380**, and the grayscale version is **72.5149, 76.2913, 83.0813**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.2431, 39.8600, 31.9056** is the 20% darker color. If you saturate the color by 10%, you get **69.3909, 65.5703, 48.2819**, and if you desaturate by 10%, it is **84.0510, 85.4627, 82.2332**.

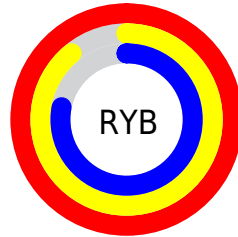
Distribution



Red (100%)

Green (85%)

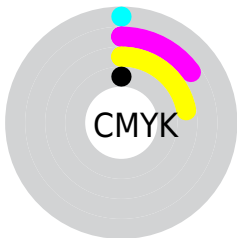
Blue (78%)



Red (100%)

Yellow (89%)

Blue (78%)

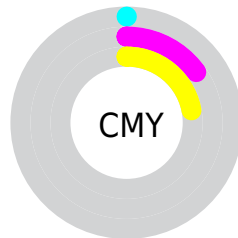


Cyan (0%)

Magenta (15%)

Yellow (22%)

Black (0%)



Cyan (0%)


Magenta (15%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.2459, 74.9629, 63.8768 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 76.2459, 74.9629, 63.8768 by changing the saturation by 10% instead.


 76.2459, 74.9629,
63.8768

 76.2459, 74.9629,
63.8768


471.1205,
477.7900, 456.9398

 56.9319, 55.5825,
46.1054


127.0529,
126.2598, 112.0312

 41.1905, 39.8683,
31.9797


159.2767,
158.9452, 143.2513

 28.6563, 27.4359,
21.0813


196.5345,
196.8343, 179.7914

 18.9639, 17.9008,
12.9916

239.1916,
240.3115, 222.0699

 11.7481, 10.8788,
7.2921

287.6134,
289.7613, 270.5055

 6.6434, 5.9854,
3.5642

342.1652,

 3.2844, 2.8362,

345.5681, 325.5166

1.3895

403.2125,
408.1162, 387.5219

■ 1.3059, 1.0468,
0.1335

■ 0.1876, 0.0000,
0.0000

■ 76.2459, 74.9629,
63.8768

■ 76.2459, 74.9629,
63.8768

■ 69.3909, 65.5703,
48.2819

■ 84.0510, 85.4627,
82.2332

■ 63.4423, 57.2380,
35.3087

■ 92.8369, 97.0951,
103.4721

■ 58.3606, 49.9300,
24.8124

95.0500, 100.0000,
108.9000

■ 54.1013, 43.6043,
16.6318

■ 50.6150, 38.2158,
10.5864

■ 47.8467, 33.7155,
6.4687

■ 45.7316, 30.0482,
4.0284

■ 44.4903, 27.7606,
3.0134

Harmonies

Analogous

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



79.1058, 74.9629, 72.3507



76.2459, 74.9629, 63.8768



72.1285, 74.9629, 60.1972

Triad

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



76.2459, 74.9629, 63.8768



63.3128, 74.9629, 79.1418



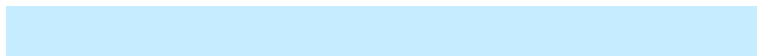
74.6715, 74.9629, 105.3240

Complementary

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



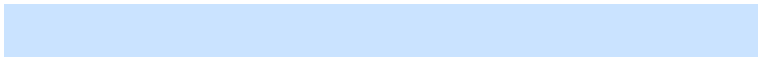
76.2459, 74.9629, 63.8768



71.3333, 79.2143, 106.1380

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.



70.3787, 74.9629, 107.6080



76.2459, 74.9629, 63.8768



63.9323, 74.9629, 91.6530

Square

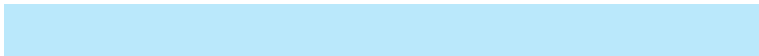
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.2459, 74.9629, 63.8768



64.7497, 74.9629, 68.4195



66.4772, 74.9629, 102.3820



78.1714, 74.9629, 96.4218

Rectangle

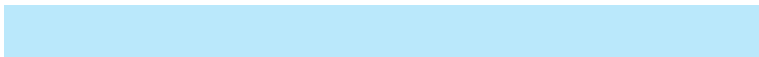
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.2459, 74.9629, 63.8768



69.2685, 74.9629, 60.6622



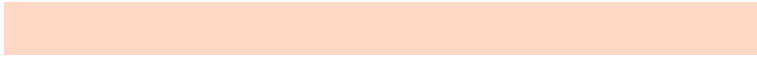
66.4772, 74.9629, 102.3820



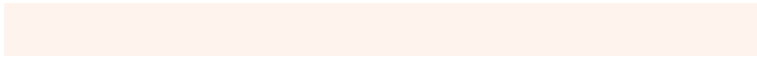
73.2689, 74.9629, 106.9263

Sweetspot

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



76.2477, 74.9662, 63.8784



88.6290, 91.5452, 93.2345



76.5749, 67.7051, 88.3898



18.8567, 19.4441, 19.6815



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.



76.2477, 74.9662, 63.8784



72.9454, 70.4646, 56.2944



84.2372, 90.9452, 66.5415



18.5042, 18.9765, 18.8319



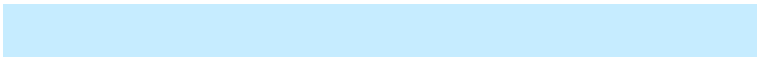
23.3691, 14.7494, 1.6152



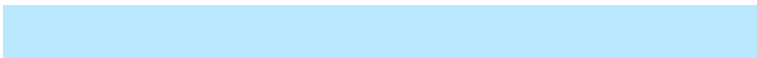
2.3710, 1.6274, 0.1892

Inverse Universe

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



71.3333, 79.2143, 106.1380



67.2051, 75.4158, 105.6224



63.7737, 64.0950, 103.6181



18.0147, 19.4010, 23.0452



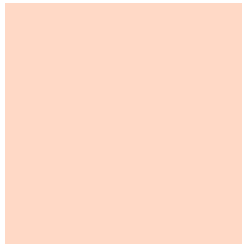
17.0834, 19.0764, 52.2163



1.7639, 2.0585, 5.1176

Previews

White Background



This preview shows how the XYZ color 76.2459, 74.9629, 63.8768 looks on a white background.

Color Contrast Check

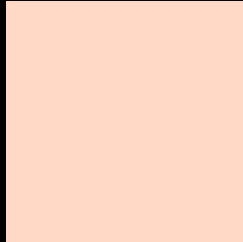
Large Text (above 18pt) WCAG AA × Fail

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 76.2459, 74.9629, 63.8768 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 76.2459, 74.9629, 63.8768

Background



This preview shows how black text looks on a background with the XYZ color 76.2459, 74.9629, 63.8768.



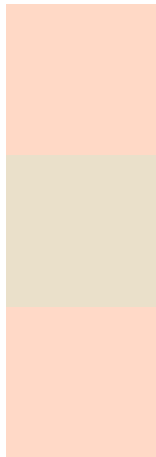
This preview shows how white text looks on a background with the XYZ color 76.2459, 74.9629,

63.8768.

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

76.2459, 74.9629, 63.8768

Protanopia

71.2480, 75.0680, 66.6115

Deuteranopia

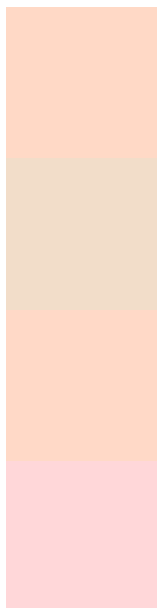
76.3617, 75.0092, 64.4864



Tritanopia

79.2902, 74.9546, 83.6874

Trichromacy



Original Color

76.2459, 74.9629, 63.8768

Protanomaly

73.0170, 74.8072, 65.8492

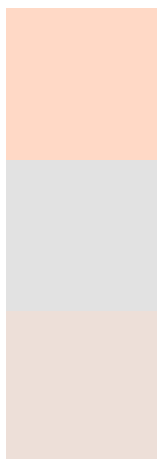
Deuteranomaly

76.3617, 75.0092, 64.4864

Tritanomaly

78.0648, 74.8706, 75.9827

Monochromacy



Original Color

76.2459, 74.9629, 63.8768

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

73.7074, 75.7377, 75.6998

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.2459, 74.9629, 63.8768 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, 217, 198)` looks like.

```
.text, #text, p{  
    color:rgb(255, 217, 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, 217, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 217, 198) }
```

Border

The CSS property to change the border of an element to XYZ 76.2459, 74.9629, 63.8768 is called "border". The border property can be set on classes, ids or directly on the HTML element.

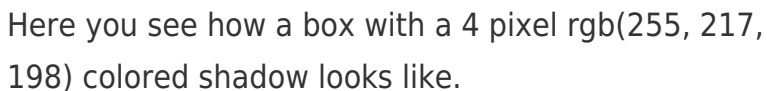
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 217, 198) }
```


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

```
.border{ border-color:rgb(255, 217, 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, 217, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 217, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 217, 198); box-shadow:4px 4px 4px 4px rgb(255, 217, 198) }
```

Background

The CSS property to change the background color of an element to XYZ 76.2459, 74.9629, 63.8768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 217, 198) }
```

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

```
.background{ background-color: rgb(255,  
217, 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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