

Converting Colors

XYZ(75.1351, 77.9836, 63.9173)

Have a look what the booklet for
XYZ(75.1351, 77.9836, 63.9173)
contains.

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Color

**XYZ(75.2804, 78.0168,
63.9144)**

Conversions

Conversions Part 1

Format	Color
Hex	F6E2C5
RGB	246, 226, 197
RGB Percent	96%, 89%, 77%
CMY	0.0353, 0.1137, 0.2274
CMYK	0.00, 0.08, 0.20, 0.04
HSL	36°, 73%, 87%
HSV	36°, 20%, 96%
XYZ	75.2804, 78.0168, 63.9144
YIQ	228.6740, 21.2290, -4.7790

Conversions

Conversions Part 2

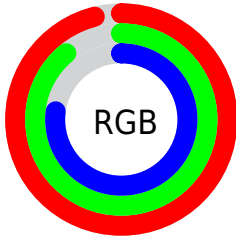
Format	Color
R _Y B	231, 246, 197
Decimal	16179909
CIE Lab	90.79, 2.32, 16.66
CIE LCh	91, 16.818, 82.065
Yxy	78.0168, 0.3466, 0.3592
Android (android.graphics.Color)	4294369989 (0xFFFF6E2C5)
YUV	228.6740, -15.6153, 15.1949
Hunter-Lab	88.3271, -2.4385, 18.9261

Details

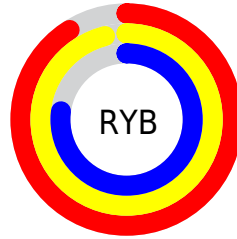
The XYZ color **75.2804, 78.0168, 63.9144** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **64.4729, 68.1481, 96.9449**, and the grayscale version is **74.3385, 78.2099, 85.1706**.

A 20% lighter version of the original color is **94.8894, 99.9358, 108.0543**, and **40.5071, 41.9278, 31.9445** is the 20% darker color. If you saturate the color by 10%, you get **70.0389, 71.6823, 49.3770**, and if you desaturate by 10%, it is **81.1459, 84.8620, 80.9310**.

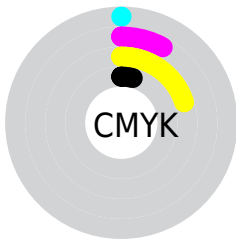
Distribution



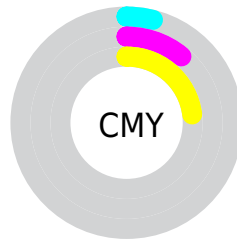
- Red (96%)
- Green (89%)
- Blue (77%)



- Red (91%)
- Yellow (96%)
- Blue (77%)



- Cyan (0%)
- Magenta (8%)
- Yellow (20%)
- Black (4%)



- Cyan (4%)
- Magenta (11%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.2804, 78.0168, 63.9144 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 75.2804, 78.0168, 63.9144 by changing the saturation by 10% instead.

75.2804, 78.0168,
63.9144

75.2804, 78.0168,
63.9144

467.8631,
488.2239, 457.0794

56.1376, 58.0878,
46.1356

125.6950,
130.5738, 112.0859

40.5507, 41.8792,
32.0034

157.6975,
163.9706, 143.3157

28.1543, 29.0067,
21.0993

194.7173,
202.6254, 179.8663

18.5831, 19.0859,
13.0046

237.1198,
246.9226, 222.1562

11.4716, 11.7324,
7.3010

285.2702,
297.2467, 270.6039

6.4546, 6.5617,
3.5697

339.5340,

3.1667, 3.1895,

353.9820, 325.6280

1.3924

400.2765,
417.5129, 387.6470

■ 1.2425, 1.2315,
0.1358

■ 0.1395, 0.0872,
0.0000

■ 75.2804, 78.0168,
63.9144

■ 75.2804, 78.0168,
63.9144

■ 70.0389, 71.6823,
49.3770

■ 81.1459, 84.8620,
80.9310

■ 65.3902, 65.8336,
37.1955

■ 87.6527, 92.2209,
100.5320

■ 61.3095, 60.4590,
27.2436

■ 91.8162, 98.3329,
108.7487

■ 57.7673, 55.5422,
19.3808

■ 54.7314, 51.0656,
13.4508

■ 52.1648, 47.0095,
9.2747

■ 50.0242, 43.3516,
6.6397

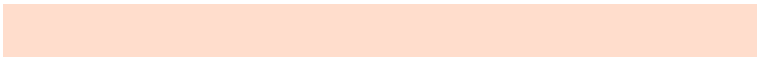
■ 48.2401, 40.0589,
5.1954

■ 48.2263, 40.0332,
5.1854

Harmonies

Analogous

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



79.2627, 78.0168, 67.8781



75.2804, 78.0168, 63.9144



71.1409, 78.0168, 65.1483

Triad

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



75.2804, 78.0168, 63.9144



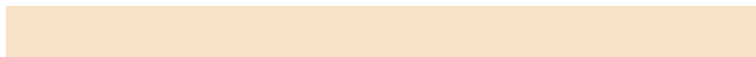
66.8720, 78.0168, 93.9952



80.7499, 78.0168, 100.0766

Complementary

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



75.2804, 78.0168, 63.9144



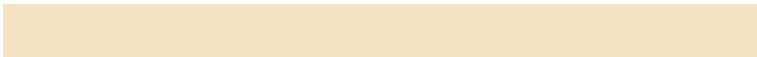
64.4729, 68.1481, 96.9449

Split Complementary

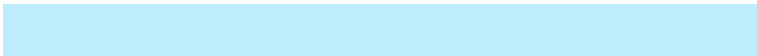
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.2481, 78.0168, 108.3984



75.2804, 78.0168, 63.9144



69.2671, 78.0168, 104.6614

Square

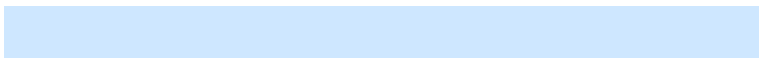
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.2804, 78.0168, 63.9144



66.3901, 78.0168, 81.7738



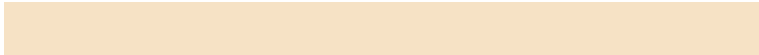
73.0362, 78.0168, 110.1514



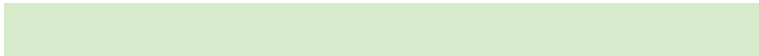
82.4978, 78.0168, 88.2013

Rectangle

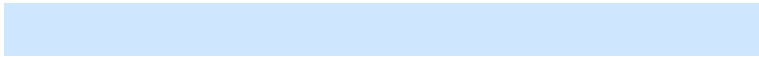
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.2804, 78.0168, 63.9144



68.8392, 78.0168, 68.8109



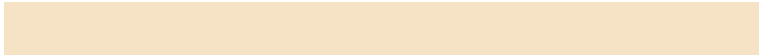
73.0362, 78.0168, 110.1514



79.7327, 78.0168, 103.4271

Sweetspot

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



75.2825, 78.0203, 63.9160



90.7242, 95.1345, 95.7857



70.5517, 64.5578, 74.6734



19.3212, 20.2520, 20.2099



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.



75.2825, 78.0203, 63.9160



79.2595, 81.7547, 62.5241



79.6237, 88.8057, 65.7690



17.3146, 18.1134, 17.3812



25.8826, 21.6509, 2.8149



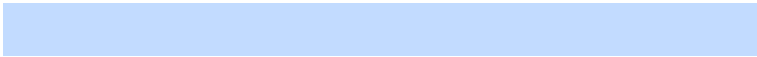
2.3757, 2.1047, 0.2810

Inverse Universe

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



64.4729, 68.1481, 96.9449



65.5192, 69.2076, 104.5129



60.7116, 59.0165, 95.3806



16.1364, 17.0371, 20.9806



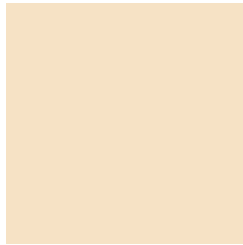
11.4606, 8.7149, 47.6161



1.1056, 0.9626, 4.2178

Previews

White Background



This preview shows how the XYZ color 75.2804, 78.0168, 63.9144 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 75.2804, 78.0168, 63.9144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

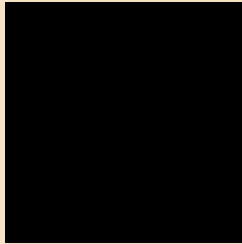
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

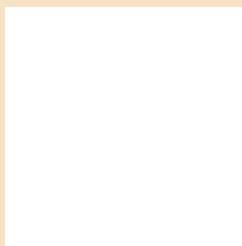
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.2804, 78.0168, 63.9144

Background



This preview shows how black text looks on a background with the XYZ color 75.2804, 78.0168, 63.9144.



This preview shows how white text looks on a background with the XYZ color 75.2804, 78.0168,

63.9144.

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

75.2804, 78.0168, 63.9144

Protanopia

73.8716, 78.0893, 64.6054

Deuteranopia

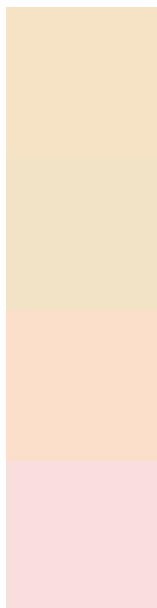
78.3807, 77.9103, 68.6647



Tritanopia

80.6629, 77.8101, 90.8882

Trichromacy



Original Color

75.2804, 78.0168, 63.9144

Protanomaly

74.2801, 77.8926, 64.5459

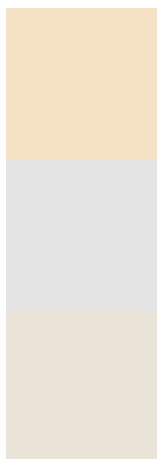
Deuteranomaly

77.1932, 77.7351, 66.8130

Tritanomaly

78.3730, 77.6562, 79.9657

Monochromacy



Original Color

75.2804, 78.0168, 63.9144

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

74.5287, 78.1587, 76.8037

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.2804, 78.0168, 63.9144 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(246, 226, 197) looks like.

```
.text, #text, p{  
    color:rgb(246, 226, 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(246, 226, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 226, 197) }
```

Border

The CSS property to change the border of an element to XYZ 75.2804, 78.0168, 63.9144 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(246, 226, 197) }
```


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

```
.border{ border-color:rgb(246, 226, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 226, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 226, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 226, 197);  
box-shadow:4px 4px 4px 4px rgb(246, 226,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 75.2804, 78.0168, 63.9144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 226, 197) }
```

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

```
.background{ background-color: rgb(246,  
226, 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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