

Converting Colors

XYZ(74.6303, 77.5498, 63.1705)

Have a look what the booklet for
XYZ(74.6303, 77.5498, 63.1705)
contains.

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Color

**XYZ(74.8164, 77.7907,
63.2964)**

Conversions

Conversions Part 1

Format	Color
Hex	F5E2C4
RGB	245, 226, 196
RGB Percent	96%, 89%, 77%
CMY	0.0392, 0.1137, 0.2314
CMYK	0.00, 0.08, 0.20, 0.04
HSL	37°, 71%, 86%
HSV	37°, 20%, 96%
XYZ	74.8164, 77.7907, 63.2964
YIQ	228.2610, 20.9540, -5.3020

Conversions

Conversions Part 2

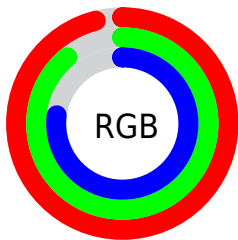
Format	Color
R_{YB}	227, 245, 196
Decimal	16114372
CIE _{Lab}	90.68, 1.81, 17.02
CIE _{LCh}	91, 17.117, 83.915
Yxy	77.7907, 0.3465, 0.3603
Android (android.graphics.Color)	4294304452 (0xFFFF5E2C4)
YUV	228.2610, -15.9047, 14.6801
Hunter-Lab	88.1990, -2.9325, 19.1896

Details

The XYZ color **74.8164, 77.7907, 63.2964** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **63.5466, 66.9278, 95.9560**, and the grayscale version is **74.0376, 77.8934, 84.8259**.

A 20% lighter version of the original color is **94.7296, 99.8718, 107.2129**, and **40.1844, 41.7702, 31.5357** is the 20% darker color. If you saturate the color by 10%, you get **69.7414, 71.7447, 48.9516**, and if you desaturate by 10%, it is **80.4941, 84.3120, 80.0905**.

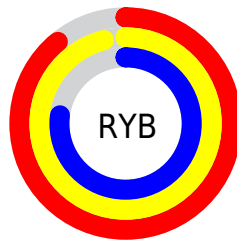
Distribution



Red (96%)

Green (89%)

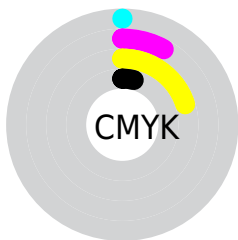
Blue (77%)



Red (89%)

Yellow (96%)

Blue (77%)

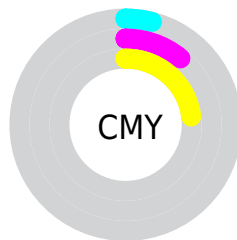


Cyan (0%)

Magenta (8%)

Yellow (20%)

Black (4%)



Cyan (4%)

Magenta (11%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.8164, 77.7907, 63.2964 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 74.8164, 77.7907, 63.2964 by changing the saturation by 10% instead.

74.8164, 77.7907,
63.2964

74.8164, 77.7907,
63.2964

466.2932,
487.4557, 454.7819

55.7561, 57.9021,
45.6385

125.0417,
130.2550, 111.1867

40.2437, 41.7299,
31.6140

156.9375,
163.5995, 142.2562

27.9136, 28.8899,
20.8045

193.8425,
202.1981, 178.6333

18.4007, 18.9975,
12.7913

236.1221,
246.4351, 220.7366

11.3395, 11.6685,
7.1560

284.1416,
296.6950, 268.9845

6.3646, 6.5184,
3.4799

338.2664,

3.1108, 3.1628,

353.3621, 323.7957

1.3446

398.8618,
416.8209, 385.5886

■ 1.2126, 1.2173,
0.0979

■ 0.1163, 0.0758,
0.0000

■ 74.8164, 77.7907,
63.2964

■ 74.8164, 77.7907,
63.2964

■ 69.7414, 71.7447,
48.9516

■ 80.4941, 84.3120,
80.0905

■ 65.2385, 66.1501,
36.9342

■ 86.7910, 91.3109,
99.4382

■ 61.2834, 60.9961,
27.1191

■ 91.3068, 97.8333,
108.6791

■ 57.8477, 56.2675,
19.3674

■ 91.4665, 98.1526,
108.7323

■ 54.8994, 51.9475,
13.5242

■ 52.4026, 48.0178,
9.4123

■ 50.3148, 44.4570,
6.8209

■ 48.5668, 41.2332,
5.3991

■ 48.5667, 41.2331,
5.3990

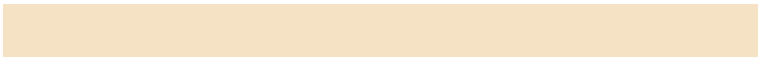
Harmonies

Analogous

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



78.9081, 77.7907, 66.9923



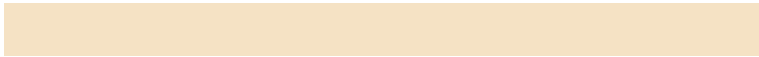
74.8164, 77.7907, 63.2964



70.6409, 77.7907, 64.8714

Triad

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



74.8164, 77.7907, 63.2964



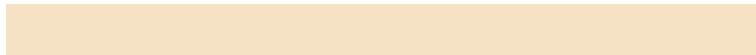
66.6439, 77.7907, 94.6528



80.8130, 77.7907, 99.4054

Complementary

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



74.8164, 77.7907, 63.2964



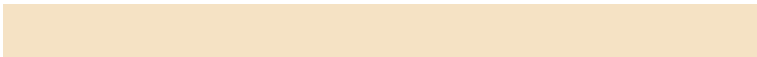
63.5466, 66.9278, 95.9560

Split Complementary

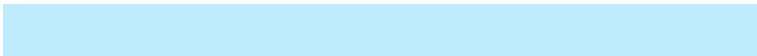
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.3356, 77.7907, 108.2081



74.8164, 77.7907, 63.2964



69.1806, 77.7907, 105.2837

Square

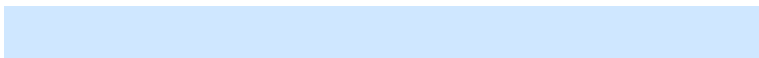
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.8164, 77.7907, 63.2964



66.0278, 77.7907, 82.2189



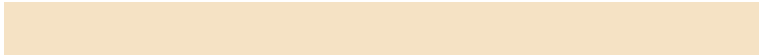
73.0660, 77.7907, 110.4568



82.4555, 77.7907, 87.2322

Rectangle

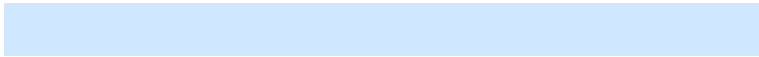
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.8164, 77.7907, 63.2964



68.3576, 77.7907, 68.7832



73.0660, 77.7907, 110.4568



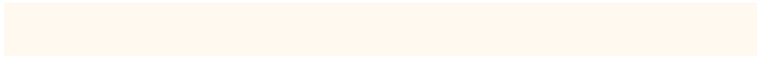
79.8136, 77.7907, 102.9023

Sweetspot

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



74.8185, 77.7942, 63.2980



90.8206, 95.3274, 95.8179



69.7400, 63.8306, 73.3407



19.3440, 20.2976, 20.2175



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.



74.8185, 77.7942, 63.2980



79.6082, 82.4521, 62.6403



78.5861, 87.8339, 65.0373



17.3439, 18.1719, 17.3910



26.3021, 22.4897, 2.9547



2.4112, 2.1757, 0.2929

Inverse Universe

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



63.5466, 66.9278, 95.9560



65.1951, 68.5595, 104.4049



60.2829, 58.4772, 94.4968



16.1079, 16.9801, 20.9711



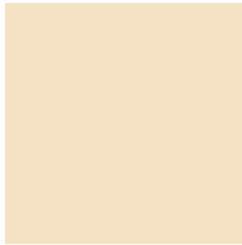
11.2068, 8.2073, 47.5315



1.0815, 0.9145, 4.2098

Previews

White Background



This preview shows how the XYZ color 74.8164, 77.7907, 63.2964 looks on a white background.

Color Contrast Check

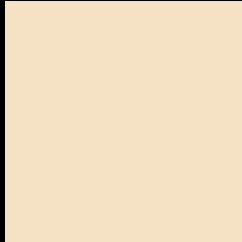
Large Text (above 18pt) WCAG AA × Fail

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 74.8164, 77.7907, 63.2964 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

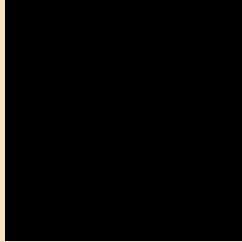
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.8164, 77.7907, 63.2964

Background



This preview shows how black text looks on a background with the XYZ color 74.8164, 77.7907, 63.2964.



This preview shows how white text looks on a background with the XYZ color 74.8164, 77.7907,

63.2964.

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

74.8164, 77.7907, 63.2964

Protanopia

73.7566, 78.0433, 63.9998

Deuteranopia

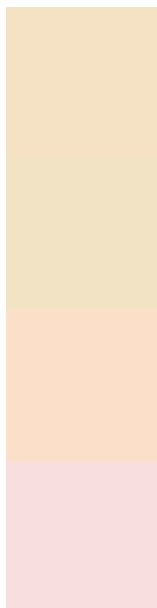
78.2604, 77.8622, 68.0309



Tritanopia

80.3036, 77.6248, 90.8714

Trichromacy



Original Color

74.8164, 77.7907, 63.2964

Protanomaly

74.1651, 77.8466, 63.9403

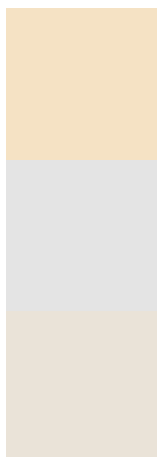
Deuteranomaly

76.7140, 77.5016, 66.1744

Tritanomaly

78.0175, 77.4729, 79.9490

Monochromacy



Original Color

74.8164, 77.7907, 63.2964

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

73.7954, 77.3885, 76.0138

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.8164, 77.7907, 63.2964 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(245, 226, 196)` looks like.

```
.text, #text, p{  
    color:rgb(245, 226, 196)  
}
```

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(245, 226, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 226, 196) }
```

Border

The CSS property to change the border of an element to XYZ 74.8164, 77.7907, 63.2964 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(245, 226, 196) }
```


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

```
.border{ border-color:rgb(245, 226, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 226, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 226, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 226, 196);  
box-shadow:4px 4px 4px 4px rgb(245, 226,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 74.8164, 77.7907, 63.2964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 226, 196) }
```

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

```
.background{ background-color: rgb(245,  
226, 196) }
```

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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