

Converting Colors

XYZ(70.7515, 76.5681, 59.4494)

Have a look what the booklet for
XYZ(70.7515, 76.5681, 59.4494)
contains.

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Color

**XYZ(70.8604, 76.6534,
59.2049)**

Conversions

Conversions Part 1

Format	Color
Hex	EAE4BD
RGB	234, 228, 189
RGB Percent	92%, 89%, 74%
CMY	0.0824, 0.1059, 0.2588
CMYK	0.00, 0.03, 0.19, 0.08
HSL	52°, 52%, 83%
HSV	52°, 19%, 92%
XYZ	70.8604, 76.6534, 59.2049
YIQ	225.3480, 16.0950, -10.8570

Conversions

Conversions Part 2

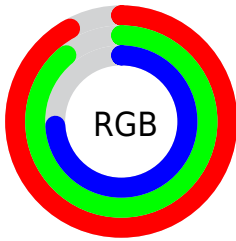
Format	Color
R _Y B	196, 234, 189
Decimal	15393981
CIE Lab	90.16, -4.22, 19.80
CIE LCh	90, 20.241, 102.029
Yxy	76.6534, 0.3428, 0.3708
Android (android.graphics.Color)	4293584061 (0xFFEAE4BD)
YUV	225.3480, -17.9196, 7.5878
Hunter-Lab	87.5519, -8.7464, 21.1929

Details

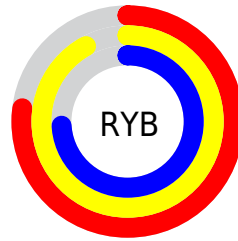
The XYZ color **70.8604, 76.6534, 59.2049** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **55.3524, 55.7882, 85.6932**, and the grayscale version is **71.9370, 75.6833, 82.4191**.

A 20% lighter version of the original color is **93.4814, 99.3726, 100.6400**, and **37.7476, 41.1297, 29.2419** is the 20% darker color. If you saturate the color by 10%, you get **67.6734, 74.0214, 46.6059**, and if you desaturate by 10%, it is **74.4767, 79.4872, 73.9707**.

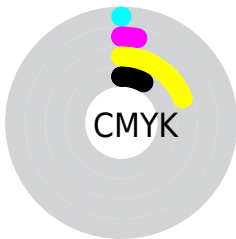
Distribution



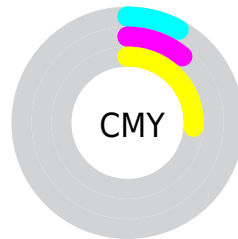
- Red (92%)
- Green (89%)
- Blue (74%)



- Red (77%)
- Yellow (92%)
- Blue (74%)



- Cyan (0%)
- Magenta (3%)
- Yellow (19%)
- Black (8%)



- Cyan (8%)
- Magenta (11%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.8604, 76.6534, 59.2049 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 70.8604, 76.6534, 59.2049 by changing the saturation by 10% instead.

■ 70.8604, 76.6534,
59.2049

■ 70.8604, 76.6534,
59.2049

452.7847,
483.5815, 439.3838

■ 52.5104, 56.9685,
42.3570

■ 119.4545,
128.6501, 105.2075

■ 37.6380, 40.9799,
29.0533

150.4294,
161.7306, 135.1992

■ 25.8778, 28.3034,
18.8752

186.3432,
200.0452, 170.4093

■ 16.8644, 18.5545,
11.4042

227.5614,
243.9781, 211.2562

■ 10.2326, 11.3488,
6.2218

274.4493,
293.9138, 258.1586

■ 5.6169, 6.3020,
2.9095

327.3722,

■ 2.6520, 3.0295,

350.2367, 311.5350

1.0486

386.6956,
413.3311, 371.8039

■ 0.9725, 1.1472,
0.0000

■ 0.0000, 0.0179,
0.0000

■ 70.8604, 76.6534,
59.2049

■ 70.8604, 76.6534,
59.2049

■ 67.6734, 74.0214,
46.6059

■ 74.4767, 79.4872,
73.9707

■ 64.8901, 71.5728,
36.0655

■ 78.5348, 82.5198,
90.9948

■ 62.4911, 69.3024,
27.4734

■ 82.3698, 85.4883,
106.7673

■ 60.4531, 67.2008,
20.7072

■ 83.2820, 87.3128,
107.0714

■ 58.7501, 65.2574,
15.6306

■ 84.2101, 89.1689,
107.3807

■ 57.3526, 63.4603,
12.0881

■ 85.1539, 91.0567,
107.6953

■ 56.2254, 61.7953,
9.8954

■ 86.1138, 92.9763,
108.0153

■ 55.3136, 60.2403,
8.7639

■ 87.0896, 94.9279,
108.3406

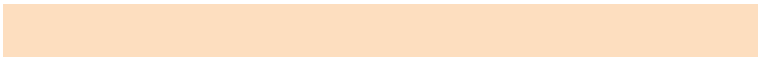
■ 55.2471, 60.1230,
8.6931

■ 87.7419, 96.2325,
108.5580

Harmonies

Analogous

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



75.8807, 76.6534, 59.7978



70.8604, 76.6534, 59.2049



66.5737, 76.6534, 64.5381

Triad

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



70.8604, 76.6534, 59.2049



65.9085, 76.6534, 103.4067



82.4456, 76.6534, 92.3005

Complementary

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



70.8604, 76.6534, 59.2049



55.3524, 55.7882, 85.6932

Split Complementary

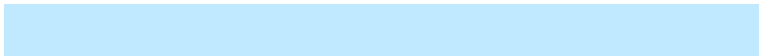
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.5232, 76.6534, 105.7659



70.8604, 76.6534, 59.2049



69.9143, 76.6534, 112.6682

Square

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



70.8604, 76.6534, 59.2049



63.8040, 76.6534, 89.3670



74.8903, 76.6534, 113.5781



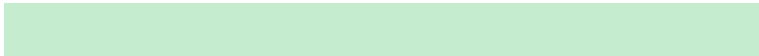
82.7276, 76.6534, 77.8240

Rectangle

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



70.8604, 76.6534, 59.2049



64.6472, 76.6534, 71.1376



74.8903, 76.6534, 113.5781



81.7335, 76.6534, 97.1347

Sweetspot

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



70.8624, 76.6568, 59.2065



92.0368, 97.7599, 96.2233



61.9804, 57.8287, 59.5261



19.6320, 20.8736, 20.3135



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.



70.8624, 76.6568, 59.2065



84.5616, 91.8973, 65.7148



67.3729, 77.3488, 59.5240



16.1709, 17.2647, 15.9988



31.1131, 33.9204, 4.9075



2.4906, 2.7585, 0.4012

Inverse Universe

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



55.3524, 55.7882, 85.6932



62.5378, 62.2661, 103.3302



58.3647, 55.3871, 85.4570



14.3930, 14.8724, 19.0343



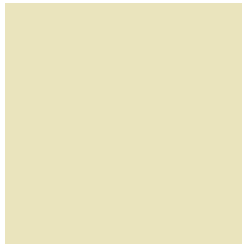
8.6747, 3.9964, 44.0571



0.7328, 0.4170, 3.4767

Previews

White Background



This preview shows how the XYZ color 70.8604, 76.6534, 59.2049 looks on a white background.

Color Contrast Check

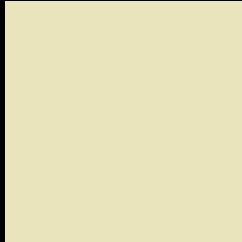
Large Text (above 18pt) WCAG AA × Fail

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 70.8604, 76.6534, 59.2049 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

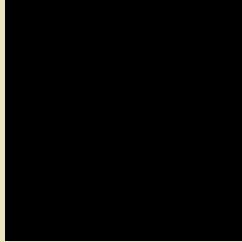
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

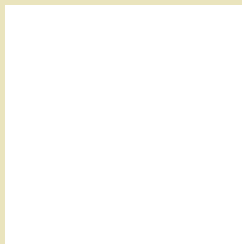
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.8604, 76.6534, 59.2049

Background



This preview shows how black text looks on a background with the XYZ color 70.8604, 76.6534, 59.2049.



This preview shows how white text looks on a background with the XYZ color 70.8604, 76.6534,

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

70.8604, 76.6534, 59.2049

Protanopia

72.2086, 76.5488, 58.5465

Deuteranopia

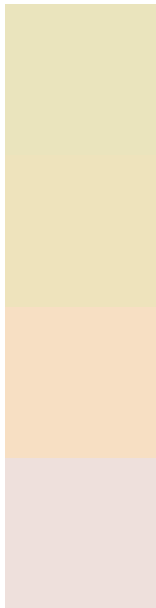
77.1420, 76.5699, 64.7465



Tritanopia

77.5647, 76.5867, 91.5835

Trichromacy



Original Color

70.8604, 76.6534, 59.2049

Protanomaly

71.8061, 76.7462, 58.6059

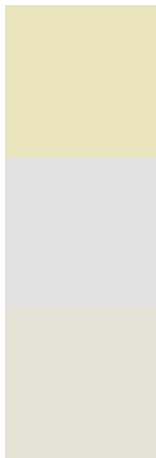
Deuteranomaly

74.5958, 76.4896, 62.4621

Tritanomaly

74.8338, 76.6558, 78.5620

Monochromacy



Original Color

70.8604, 76.6534, 59.2049

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

71.0749, 75.6402, 73.1413

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.8604, 76.6534, 59.2049 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(234, 228, 189)` looks like.

```
.text, #text, p{  
    color:rgb(234, 228, 189)  
}
```

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(234, 228, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 228, 189) }
```

Border

The CSS property to change the border of an element to XYZ 70.8604, 76.6534, 59.2049 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(234, 228, 189) }
```


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

```
.border{ border-color:rgb(234, 228, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 228, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 228, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 228, 189);  
box-shadow:4px 4px 4px 4px rgb(234, 228,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 70.8604, 76.6534, 59.2049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 228, 189) }
```

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

```
.background{ background-color: rgb(234,  
228, 189) }
```

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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