

Converting Colors

XYZ(75.3664, 81.0636, 70.9712)

Have a look what the booklet for
XYZ(75.3664, 81.0636, 70.9712)
contains.

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Color

**XYZ(75.2774, 81.1835,
70.7339)**

Conversions

Conversions Part 1

Format	Color
Hex	ECEACF
RGB	236, 234, 207
RGB Percent	93%, 92%, 81%
CMY	0.0745, 0.0823, 0.1882
CMYK	0.00, 0.01, 0.12, 0.07
HSL	56°, 43%, 87%
HSV	56°, 12%, 93%
XYZ	75.2774, 81.1835, 70.7339
YIQ	231.5200, 9.8590, -7.9730

Conversions

Conversions Part 2

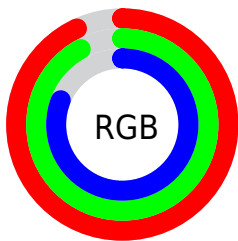
Format	Color
R_{YB}	209, 236, 207
Decimal	15526607
CIE _{Lab}	92.21, -3.83, 13.36
CIE _{LCh}	92, 13.898, 105.996
Yxy	81.1835, 0.3313, 0.3573
Android (android.graphics.Color)	4293716687 (0xFFECEACF)
YUV	231.5200, -12.0884, 3.9290
Hunter-Lab	90.1019, -8.5470, 16.5261

Details

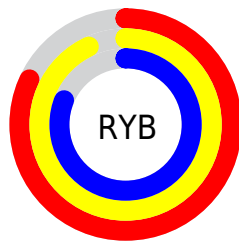
The XYZ color **75.2774, 81.1835, 70.7339** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **63.6728, 64.9213, 88.5328**, and the grayscale version is **76.4272, 80.4074, 87.5636**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.4926, 43.8440, 36.4655** is the 20% darker color. If you saturate the color by 10%, you get **72.1458, 79.1972, 56.5034**, and if you desaturate by 10%, it is **78.8489, 83.3579, 87.2407**.

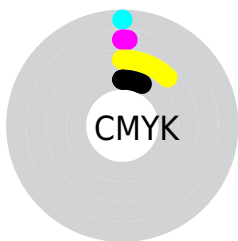
Distribution



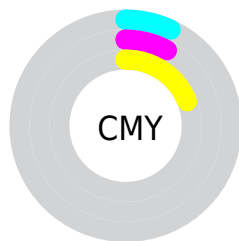
- Red (93%)
- Green (92%)
- Blue (81%)



- Red (82%)
- Yellow (93%)
- Blue (81%)



- Cyan (0%)
- Magenta (1%)
- Yellow (12%)
- Black (7%)



- Cyan (7%)
- Magenta (8%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.2774, 81.1835, 70.7339 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 75.2774, 81.1835, 70.7339 by changing the saturation by 10% instead.

■ 75.2774, 81.1835,
70.7339

■ 75.2774, 81.1835,
70.7339

467.8530,
498.9124, 481.9812

■ 56.1352, 60.6927,
51.6446

125.6908,
135.0284, 121.9457

■ 40.5487, 43.9772,
36.3416

157.6926,
169.1513, 154.9052

■ 28.1527, 30.6526,
24.4063

194.7117,
208.5871, 193.3252

■ 18.5819, 20.3345,
15.4203

237.1133,
253.7201, 237.6242

■ 11.4708, 12.6384,
8.9650

285.2629,
304.9347, 288.2208

■ 6.4540, 7.1800,
4.6219

339.5258,

■ 3.1663, 3.5749,

362.6154, 345.5334

1.9723

400.2674,
427.1465, 409.9808

■ 1.2423, 1.4388,
0.5382

■ 0.1394, 0.2450,
0.0000

■ 75.2774, 81.1835,
70.7339

■ 75.2774, 81.1835,
70.7339

■ 72.1458, 79.1972,
56.5034

■ 78.8489, 83.3579,
87.2407

■ 69.4285, 77.3808,
44.4435

■ 82.8718, 85.7169,
106.1128

■ 67.1072, 75.7294,
34.4480

■ 83.4730, 86.7141,
106.9457

■ 65.1596, 74.2343,
26.3998

■ 83.9502, 87.6685,
107.1048

63.5613, 72.8856,
20.1698

84.4317, 88.6315,
107.2653

62.2847, 71.6723,
15.6136

84.9174, 89.6031,
107.4272

61.2982, 70.5817,
12.5647

85.4075, 90.5833,
107.5906

60.5638, 69.5986,
10.8227

85.9019, 91.5721,
107.7554

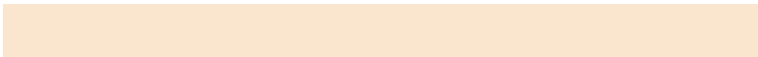
60.1236, 68.8953,
10.1293

86.4007, 92.5695,
107.9216

Harmonies

Analogous

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



78.8436, 81.1835, 70.5808



75.2774, 81.1835, 70.7339



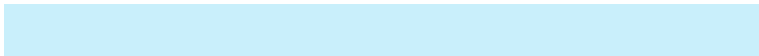
72.3070, 81.1835, 75.3702

Triad

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



75.2774, 81.1835, 70.7339



72.4694, 81.1835, 103.3781



84.0500, 81.1835, 93.2618

Complementary

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



75.2774, 81.1835, 70.7339



63.6728, 64.9213, 88.5328

Split Complementary

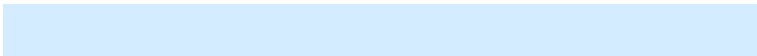
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.2307, 81.1835, 102.8401



75.2774, 81.1835, 70.7339



75.5054, 81.1835, 108.9796

Square

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



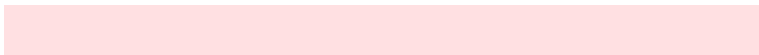
75.2774, 81.1835, 70.7339



70.7204, 81.1835, 93.9508



79.0788, 81.1835, 108.7754



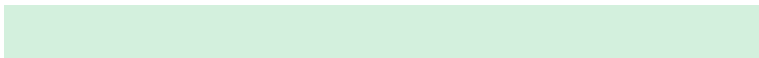
83.9844, 81.1835, 83.0627

Rectangle

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



75.2774, 81.1835, 70.7339



71.0317, 81.1835, 80.6004



79.0788, 81.1835, 108.7754



83.6362, 81.1835, 96.6766

Sweetspot

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



75.2796, 81.1871, 70.7356



93.2274, 98.9134, 100.4048



68.4662, 67.0838, 69.9335



19.8832, 21.1287, 21.1597



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.



75.2796, 81.1871, 70.7356



88.6581, 96.1091, 79.3534



71.9735, 80.3308, 70.7446



16.2581, 17.4391, 16.0279



33.1802, 38.0546, 5.5965



2.6321, 3.0416, 0.4484

Inverse Universe

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



63.6728, 64.9213, 88.5328



72.0222, 72.7959, 104.8628



66.6927, 65.7559, 88.5348



14.3144, 14.7153, 19.0081



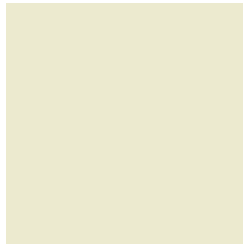
8.4827, 3.6124, 43.9931



0.6953, 0.3421, 3.4643

Previews

White Background



This preview shows how the XYZ color 75.2774, 81.1835, 70.7339 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 75.2774, 81.1835, 70.7339 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

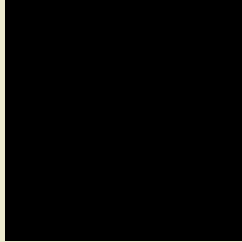
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

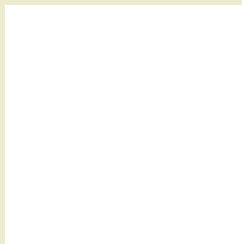
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.2774, 81.1835, 70.7339

Background



This preview shows how black text looks on a background with the XYZ color 75.2774, 81.1835, 70.7339.



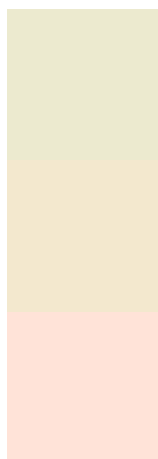
This preview shows how white text looks on a background with the XYZ color 75.2774, 81.1835,

70.7339.

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

75.2774, 81.1835, 70.7339

Protanopia

76.9593, 81.2241, 70.0142

Deuteranopia

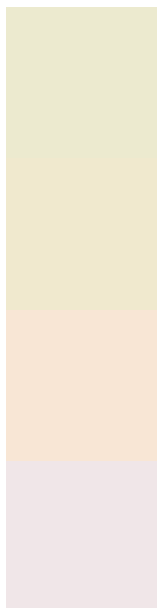
81.1038, 81.1560, 76.3558



Tritanopia

80.9959, 81.0179, 98.5578

Trichromacy



Original Color

75.2774, 81.1835, 70.7339

Protanomaly

76.2147, 81.2593, 70.0602

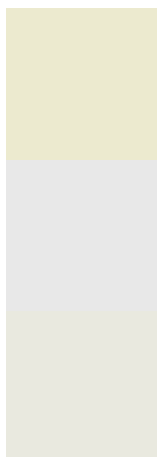
Deuteranomaly

79.0185, 81.3542, 74.4890

Tritanomaly

78.7975, 80.9451, 87.8148

Monochromacy



Original Color

75.2774, 81.1835, 70.7339

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

76.0625, 80.9292, 81.4240

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.2774, 81.1835, 70.7339 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(236, 234, 207) looks like.

```
.text, #text, p{  
    color:rgb(236, 234, 207)  
}
```

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(236, 234, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 234, 207) }
```

Border

The CSS property to change the border of an element to XYZ 75.2774, 81.1835, 70.7339 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(236, 234, 207) }
```


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

```
.border{ border-color:rgb(236, 234, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 234, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 234, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 234, 207);  
box-shadow:4px 4px 4px 4px rgb(236, 234,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 75.2774, 81.1835, 70.7339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 234, 207) }
```

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

```
.background{ background-color: rgb(236,  
234, 207) }
```

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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