

Converting Colors

XYZ(75.1151, 81.0698, 66.3716)

Have a look what the booklet for
XYZ(75.1151, 81.0698, 66.3716)
contains.

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Color

**XYZ(75.1080, 81.1929,
66.3568)**

Conversions

Conversions Part 1

Format	Color
Hex	EEEAC8
RGB	238, 234, 200
RGB Percent	93%, 92%, 78%
CMY	0.0667, 0.0823, 0.2157
CMYK	0.00, 0.02, 0.16, 0.07
HSL	54°, 53%, 86%
HSV	54°, 16%, 93%
XYZ	75.1080, 81.1929, 66.3568
YIQ	231.3200, 13.2980, -9.7260

Conversions

Conversions Part 2

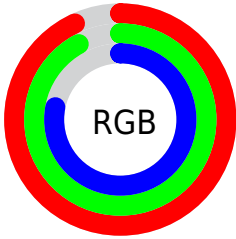
Format	Color
R _Y B	204, 238, 200
Decimal	15657672
CIE Lab	92.22, -4.19, 17.02
CIE LCh	92, 17.525, 103.849
Yxy	81.1929, 0.3373, 0.3647
Android (android.graphics.Color)	4293847752 (0xFFEEEEAC8)
YUV	231.3200, -15.4408, 5.8584
Hunter-Lab	90.1071, -8.9003, 19.4125

Details

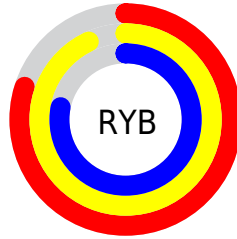
The XYZ color **75.1080, 81.1929, 66.3568** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **60.8447, 61.6368, 89.5796**, and the grayscale version is **76.3003, 80.2739, 87.4182**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.4001, 43.8612, 33.5309** is the 20% darker color. If you saturate the color by 10%, you get **71.8337, 78.7542, 52.5941**, and if you desaturate by 10%, it is **78.8297, 83.8322, 82.4068**.

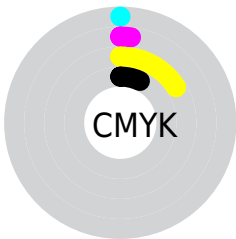
Distribution



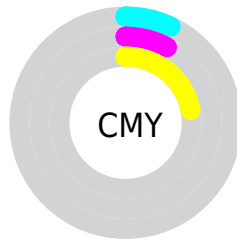
- Red (93%)
- Green (92%)
- Blue (78%)



- Red (80%)
- Yellow (93%)
- Blue (78%)



- Cyan (0%)
- Magenta (2%)
- Yellow (16%)
- Black (7%)



- Cyan (7%)
- Magenta (8%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.1080, 81.1929, 66.3568 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 75.1080, 81.1929, 66.3568 by changing the saturation by 10% instead.

75.1080, 81.1929,
66.3568

75.1080, 81.1929,
66.3568

467.2802,
498.9439, 466.0908

55.9959, 60.7005,
48.1038

125.4523,
135.0416, 115.6302

40.4366, 43.9835,
33.5485

157.4152,
169.1667, 147.4876

28.0648, 30.6575,
22.2724

194.3924,
208.6047, 184.7169

18.5152, 20.3382,
13.8570

236.7492,
253.7402, 227.7367

11.4225, 12.6411,
7.8836

284.8511,
304.9575, 276.9654

6.4211, 7.1819,
3.9339

339.0633,

3.1459, 3.5761,

362.6409, 332.8217

1.5891

399.7512,
427.1749, 395.7240

■ 1.2314, 1.4394,
0.2831

■ 0.1309, 0.2455,
0.0000

■ 75.1080, 81.1929,
66.3568

■ 75.1080, 81.1929,
66.3568

■ 71.8337, 78.7542,
52.5941

■ 78.8297, 83.8322,
82.4068

■ 68.9804, 76.4971,
41.0084

■ 83.0111, 86.6687,
100.8372

■ 66.5286, 74.4166,
31.4878

■ 84.9172, 88.6114,
107.2358

■ 64.4548, 72.5033,
23.9086

■ 85.6650, 90.1070,
107.4851

62.7329, 70.7465,
18.1340

86.4231, 91.6231,
107.7378

61.3336, 69.1345,
14.0090

87.1914, 93.1598,
107.9939

60.2223, 67.6534,
11.3529

87.9700, 94.7170,
108.2534

59.3567, 66.2863,
9.9418

88.7589, 96.2949,
108.5164

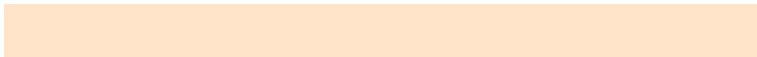
59.0494, 65.7559,
9.5799

89.0701, 96.9172,
108.6201

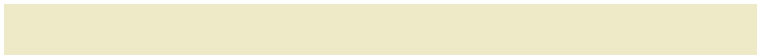
Harmonies

Analogous

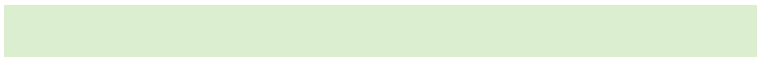
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.6164, 81.1929, 66.5710



75.1080, 81.1929, 66.3568



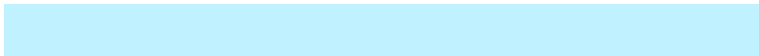
71.3010, 81.1929, 71.6294

Triad

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



75.1080, 81.1929, 66.3568



71.0669, 81.1929, 106.8103



85.8316, 81.1929, 95.5175

Complementary

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



75.1080, 81.1929, 66.3568



60.8447, 61.6368, 89.5796

Split Complementary

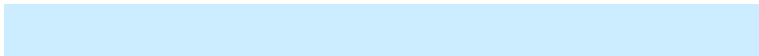
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



83.3555, 81.1929, 107.6150



75.1080, 81.1929, 66.3568



74.7770, 81.1929, 114.5573

Square

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



75.1080, 81.1929, 66.3568



69.0303, 81.1929, 94.5033



79.2723, 81.1929, 114.8654



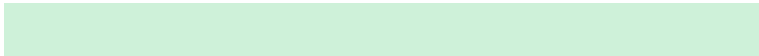
85.9287, 81.1929, 82.5754

Rectangle

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



75.1080, 81.1929, 66.3568



69.6238, 81.1929, 77.8741



79.2723, 81.1929, 114.8654



85.2457, 81.1929, 99.8455

Sweetspot

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



75.1102, 81.1965, 66.3585



92.6385, 98.3536, 98.3030



66.8662, 63.8672, 66.2041



19.7583, 21.0032, 20.7343



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.



75.1102, 81.1965, 66.3585



86.6041, 94.0562, 72.3336



71.5657, 81.0767, 66.5222



16.9727, 18.1585, 16.7601



33.0005, 36.7990, 5.3636



2.7858, 3.1422, 0.4597

Inverse Universe

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



60.8447, 61.6368, 89.5796



67.1110, 67.3295, 104.0665



63.9851, 61.8643, 89.4580



15.0310, 15.4961, 19.9204



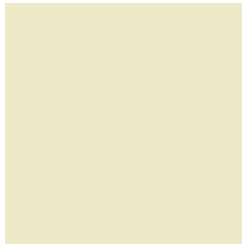
8.8478, 3.9199, 45.4182



0.7803, 0.4145, 3.7931

Previews

White Background



This preview shows how the XYZ color 75.1080, 81.1929, 66.3568 looks on a white background.

Color Contrast Check

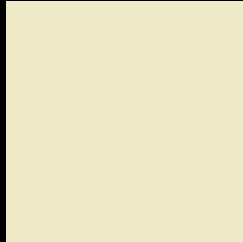
Large Text (above 18pt) WCAG AA × Fail

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 75.1080, 81.1929, 66.3568 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

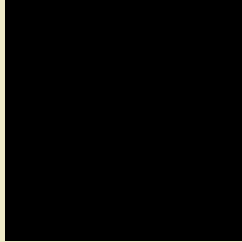
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

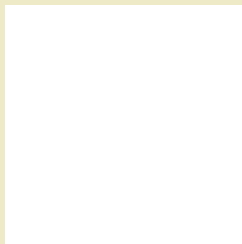
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.1080, 81.1929, 66.3568

Background



This preview shows how black text looks on a background with the XYZ color 75.1080, 81.1929, 66.3568.



This preview shows how white text looks on a background with the XYZ color 75.1080, 81.1929, 66.3568.

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

75.1080, 81.1929, 66.3568

Protanopia

76.4736, 81.0698, 65.6503

Deuteranopia

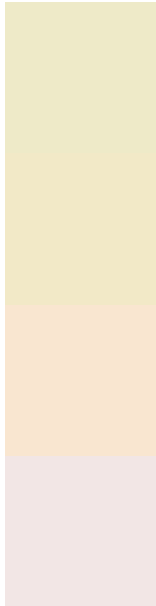
80.7193, 81.0023, 74.3314



Tritanopia

81.5331, 81.3125, 97.7838

Trichromacy



Original Color

75.1080, 81.1929, 66.3568

Protanomaly

76.0657, 81.2786, 65.7121

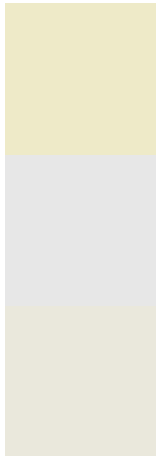
Deuteranomaly

78.7489, 81.2874, 71.2140

Tritanomaly

79.0576, 81.1280, 85.6212

Monochromacy



Original Color

75.1080, 81.1929, 66.3568

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

75.7066, 80.3730, 79.2335

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.1080, 81.1929, 66.3568 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(238, 234, 200)` looks like.

```
.text, #text, p{  
    color:rgb(238, 234, 200)  
}
```

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(238, 234, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 234, 200) }
```

Border

The CSS property to change the border of an element to XYZ 75.1080, 81.1929, 66.3568 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(238, 234, 200) }
```


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

```
.border{ border-color:rgb(238, 234, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 234, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 234, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 234, 200);  
box-shadow:4px 4px 4px 4px rgb(238, 234,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 75.1080, 81.1929, 66.3568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 234, 200) }
```

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

```
.background{ background-color: rgb(238,  
234, 200) }
```

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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