

Converting Colors

XYZ(68.0332, 74.7971, 53.0234)

Have a look what the booklet for
XYZ(68.0332, 74.7971, 53.0234)
contains.

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Color

**XYZ(68.1381, 74.9755,
52.9999)**

Conversions

Conversions Part 1

Format	Color
Hex	E6E3B2
RGB	230, 227, 178
RGB Percent	90%, 89%, 70%
CMY	0.0980, 0.1098, 0.3020
CMYK	0.00, 0.01, 0.23, 0.10
HSL	57°, 51%, 80%
HSV	57°, 23%, 90%
XYZ	68.1381, 74.9755, 52.9999
YIQ	222.3110, 17.5170, -14.6030

Conversions

Conversions Part 2

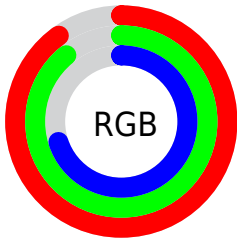
Format	Color
RYB	181, 230, 178
Decimal	15131570
CIELab	89.38, -6.74, 24.37
CIELCh	89, 25.280, 105.455
Yxy	74.9755, 0.3474, 0.3823
Android (android.graphics.Color)	4293321650 (0xFFE6E3B2)
YUV	222.3110, -21.8453, 6.7433
Hunter-Lab	86.5884, -11.0646, 24.3211

Details

The XYZ color **68.1381, 74.9755, 52.9999** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **49.1667, 48.2248, 81.5803**, and the grayscale version is **69.7936, 73.4283, 79.9634**.

A 20% lighter version of the original color is **91.8513, 98.7205, 92.0558**, and **35.9098, 39.9844, 25.2271** is the 20% darker color. If you saturate the color by 10%, you get **65.6596, 73.4092, 41.7199**, and if you desaturate by 10%, it is **71.0106, 76.7090, 66.3232**.

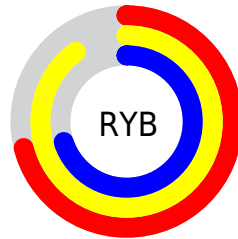
Distribution



Red (90%)

Green (89%)

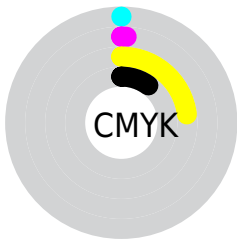
Blue (70%)



Red (71%)

Yellow (90%)

Blue (70%)

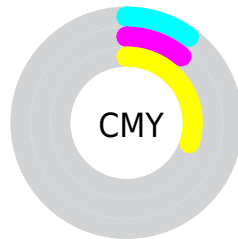


Cyan (0%)

Magenta (1%)

Yellow (23%)

Black (10%)



Cyan (10%)

Magenta (11%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.1381, 74.9755, 52.9999 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 68.1381, 74.9755, 52.9999 by changing the saturation by 10% instead.

68.1381, 74.9755,
52.9999

68.1381, 74.9755,
52.9999

443.3542,
477.8334, 415.3510

50.2842, 55.5928,
37.4150

115.5905,
126.2777, 96.0458

35.8580, 39.8766,
25.2306

145.9197,
158.9660, 124.3438

24.4941, 27.4423,
16.0284

181.1380,
196.8583, 157.7166

15.8273, 17.9057,
9.3897

221.6109,
240.3389, 196.5827

9.4921, 10.8823,
4.8959

267.7035,
289.7924, 241.3606

5.1232, 5.9877,
2.1287

319.7814,

2.3552, 2.8376,

345.6030, 292.4690

0.6328

378.2099,
408.1552, 350.3263

■ 0.8227, 1.0476,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 68.1381, 74.9755,
52.9999

■ 68.1381, 74.9755,
52.9999

■ 65.6596, 73.4092,
41.7199

■ 71.0106, 76.7090,
66.3232

■ 63.5499, 71.9922,
32.3769

■ 74.2891, 78.6069,
81.7796

■ 61.7899, 70.7196,
24.8621

■ 77.9924, 80.6791,
99.4594

■ 60.3567, 69.5821,
19.0540

■ 79.6257, 81.9278,
106.2247

■ 59.2243, 68.5694,
14.8166

■ 80.0006, 82.6777,
106.3497

■ 58.3629, 67.6695,
11.9931

■ 80.3784, 83.4333,
106.4756

■ 57.7368, 66.8681,
10.3942

■ 80.7590, 84.1944,
106.6024

■ 57.3828, 66.3221,
9.7770

■ 81.1424, 84.9613,
106.7302

■ 81.5286, 85.7338,
106.8590

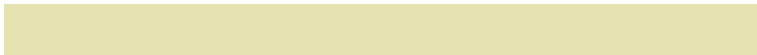
Harmonies

Analogous

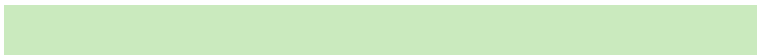
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.2920, 74.9755, 52.8949



68.1381, 74.9755, 52.9999



63.1140, 74.9755, 59.9898

Triad

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



68.1381, 74.9755, 52.9999



63.2374, 74.9755, 108.4090



83.4104, 74.9755, 90.4957

Complementary

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



68.1381, 74.9755, 52.9999



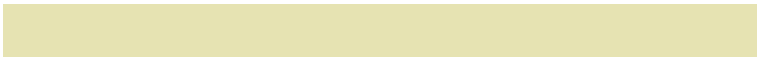
49.1667, 48.2248, 81.5803

Split Complementary

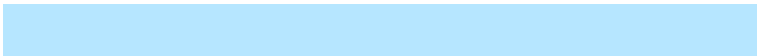
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



80.0826, 74.9755, 107.9472



68.1381, 74.9755, 52.9999



68.3154, 74.9755, 119.2604

Square

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



68.1381, 74.9755, 52.9999



60.3982, 74.9755, 91.0569



74.4799, 74.9755, 119.0801



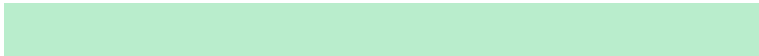
83.3560, 74.9755, 72.8876

Rectangle

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



68.1381, 74.9755, 52.9999



60.9776, 74.9755, 68.2828



74.4799, 74.9755, 119.0801



82.6421, 74.9755, 96.6246

Sweetspot

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



68.1400, 74.9788, 53.0015



91.9809, 98.2490, 94.3518



56.9427, 52.0201, 51.0082



19.6337, 20.9981, 19.9405



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.



68.1400, 74.9788, 53.0015



84.6269, 93.8276, 60.1882



62.1961, 73.1413, 52.9601



15.5268, 16.6675, 15.3032



32.5182, 37.6106, 5.5457



2.4248, 2.8228, 0.4171

Inverse Universe

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



49.1667, 48.2248, 81.5803



56.7746, 54.5548, 102.1455



54.1663, 49.9079, 81.6416



13.6491, 14.0196, 18.1310



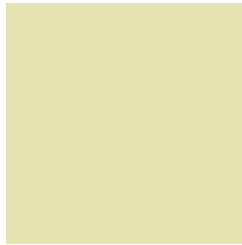
8.1978, 3.4576, 42.6185



0.6294, 0.3028, 3.1572

Previews

White Background



This preview shows how the XYZ color 68.1381, 74.9755, 52.9999 looks on a white background.

Color Contrast Check

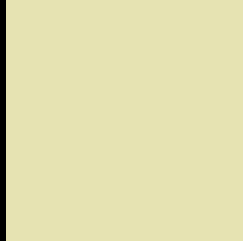
Large Text (above 18pt) WCAG AA × Fail

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 68.1381, 74.9755, 52.9999 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

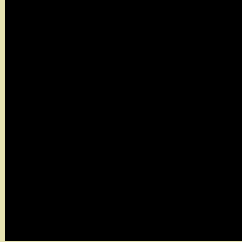
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

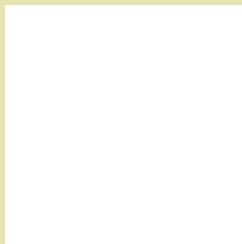
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 68.1381, 74.9755, 52.9999

Background



This preview shows how black text looks on a background with the XYZ color 68.1381, 74.9755, 52.9999.



This preview shows how white text looks on a background with the XYZ color 68.1381, 74.9755,

52.9999.

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

68.1381, 74.9755, 52.9999

Protanopia

70.1881, 74.8364, 52.3405

Deuteranopia

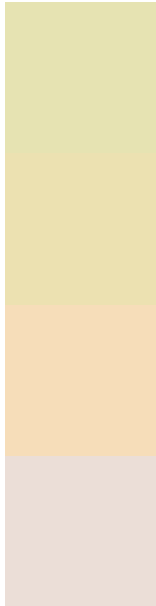
75.2382, 74.5598, 58.5701



Tritanopia

75.7317, 74.8963, 89.8218

Trichromacy



Original Color

68.1381, 74.9755, 52.9999

Protanomaly

69.4531, 74.8576, 52.3834

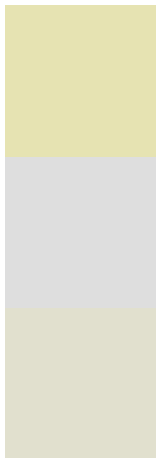
Deuteranomaly

72.6194, 74.8085, 56.5110

Tritanomaly

72.6480, 74.8110, 74.9010

Monochromacy



Original Color

68.1381, 74.9755, 52.9999

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

68.8476, 73.7751, 69.0039

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.1381, 74.9755, 52.9999 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(230, 227, 178)` looks like.

```
.text, #text, p{  
    color:rgb(230, 227, 178)  
}
```

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(230, 227, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 227, 178) }
```

Border

The CSS property to change the border of an element to XYZ 68.1381, 74.9755, 52.9999 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(230, 227, 178) }
```


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

```
.border{ border-color:rgb(230, 227, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 227, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 227, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 227, 178);  
box-shadow:4px 4px 4px 4px rgb(230, 227,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 68.1381, 74.9755, 52.9999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 227, 178) }
```

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

```
.background{ background-color: rgb(230,  
227, 178) }
```

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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