

Converting Colors

XYZ(67.7910, 73.3672, 57.9000)

Have a look what the booklet for
XYZ(67.7910, 73.3672, 57.9000)
contains.

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Color

**XYZ(68.0459, 73.6002,
58.1968)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | E5E0BC |
| RGB | 229, 224, 188 |
| RGB Percent | 90%, 88%, 74% |
| CMY | 0.1020, 0.1215, 0.2627 |
| CMYK | 0.00, 0.02, 0.18, 0.10 |
| HSL | 53°, 44%, 82% |
| HSV | 53°, 18%, 90% |
| XYZ | 68.0459, 73.6002, 58.1968 |
| YIQ | 221.3910, 14.5360, -10.1360 |

Conversions

Conversions Part 2

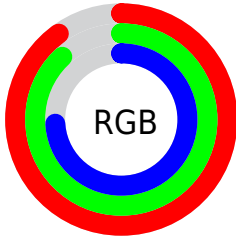
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 194, 229, 188 |
| Decimal | 15065276 |
| CIE Lab | 88.73, -4.14, 18.27 |
| CIE LCh | 89, 18.730, 102.783 |
| Yxy | 73.6002, 0.3405, 0.3683 |
| Android (android.graphics.Color) | 4293255356 (0xFFE5E0BC) |
| YUV | 221.3910, -16.4618, 6.6731 |
| Hunter-Lab | 85.7906, -8.5539, 19.8335 |

Details

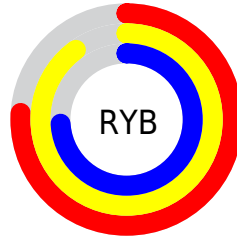
The XYZ color **68.0459, 73.6002, 58.1968** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **53.9517, 54.4873, 81.8029**, and the grayscale version is **69.1087, 72.7077, 79.1787**.

A 20% lighter version of the original color is **93.3291, 99.3117, 99.8380**, and **35.7947, 39.0094, 28.5647** is the 20% darker color. If you saturate the color by 10%, you get **65.0276, 71.2054, 45.9626**, and if you desaturate by 10%, it is **71.4722, 76.1829, 72.5013**.

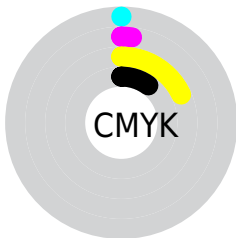
Distribution



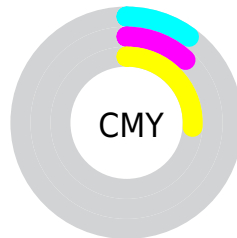
- Red (90%)
- Green (88%)
- Blue (74%)



- Red (76%)
- Yellow (90%)
- Blue (74%)



- Cyan (0%)
- Magenta (2%)
- Yellow (18%)
- Black (10%)



- Cyan (10%)
- Magenta (12%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.0459, 73.6002, 58.1968 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 68.0459, 73.6002, 58.1968 by changing the saturation by 10% instead.

68.0459, 73.6002,
58.1968

68.0459, 73.6002,
58.1968

443.0328,
473.0924, 435.5376

50.2089, 54.4669,
41.5511

115.4594,
124.3289, 103.7270

35.7979, 38.9750,
28.4270

145.7665,
156.6931, 133.4486

24.4475, 26.7403,
18.4060

180.9611,
194.2363, 168.3660

15.7925, 17.3783,
11.0694

221.4084,
237.3430, 208.8976

9.4673, 10.5046,
5.9988

267.4739,
286.3976, 255.4620

5.1068, 5.7348,
2.7756

319.5229,

2.3454, 2.6845,

341.7844, 308.4778

0.9812

377.9208,
403.8879, 368.3635

■ 0.8178, 0.9693,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 68.0459, 73.6002,
58.1968

■ 68.0459, 73.6002,
58.1968

■ 65.0276, 71.2054,
45.9626

■ 71.4722, 76.1829,
72.5013

■ 62.3930, 68.9811,
35.6969

■ 75.3179, 78.9506,
88.9621

■ 60.1239, 66.9226,
27.2964

■ 79.3258, 81.8031,
106.2164

■ 58.1987, 65.0211,
20.6464

■ 80.1191, 83.3897,
106.4808

■ 56.5930, 63.2666,
15.6198

■ 80.9250, 85.0014,
106.7495

■ 55.2794, 61.6482,
12.0718

■ 81.7434, 86.6383,
107.0223

■ 54.2255, 60.1528,
9.8326

■ 82.5745, 88.3004,
107.2993

■ 53.3865, 58.7625,
8.6664

■ 83.4183, 89.9880,
107.5805

■ 53.2235, 58.4785,
8.4823

■ 84.2748, 91.7010,
107.8661

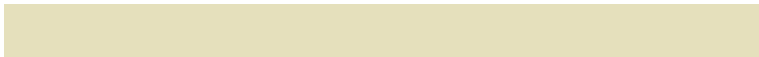
Harmonies

Analogous

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



72.5638, 73.6002, 58.6012



68.0459, 73.6002, 58.1968



64.2059, 73.6002, 63.1945

Triad

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



68.0459, 73.6002, 58.1968



63.7570, 73.6002, 98.2967



78.6056, 73.6002, 87.7479

Complementary

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



68.0459, 73.6002, 58.1968



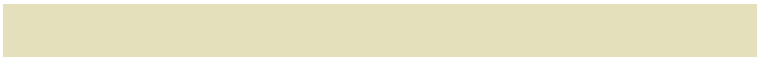
53.9517, 54.4873, 81.8029

Split Complementary

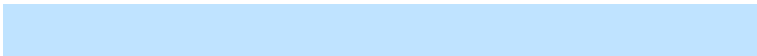
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.0370, 73.6002, 99.8681



68.0459, 73.6002, 58.1968



67.4091, 73.6002, 106.3947

Square

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



68.0459, 73.6002, 58.1968



61.8025, 73.6002, 85.7831



71.8990, 73.6002, 106.9990



78.7942, 73.6002, 74.7464

Rectangle

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



68.0459, 73.6002, 58.1968



62.4940, 73.6002, 69.2657



71.8990, 73.6002, 106.9990



77.9870, 73.6002, 92.0925

Sweetspot

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



68.0479, 73.6035, 58.1984



92.5710, 98.2187, 98.2805



59.9749, 56.4966, 58.4703



19.7418, 20.9703, 20.7288



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.



68.0479, 73.6035, 58.1984



85.5495, 92.9260, 68.9639



64.8190, 73.9613, 58.4376



15.4439, 16.5017, 15.2756



30.4902, 33.5546, 4.8697



2.2955, 2.5643, 0.3740

Inverse Universe

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



53.9517, 54.4873, 81.8029



64.8081, 64.7991, 103.6995



56.7647, 54.3258, 81.6234



13.7236, 14.1686, 18.1558



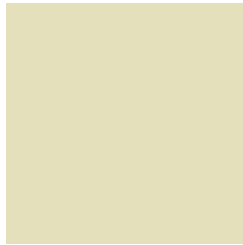
8.3683, 3.7987, 42.6753



0.6650, 0.3739, 3.1691

Previews

White Background



This preview shows how the XYZ color 68.0459, 73.6002, 58.1968 looks on a white background.

Color Contrast Check

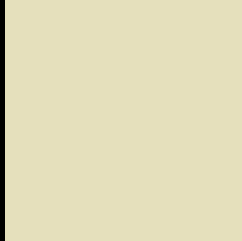
Large Text (above 18pt) WCAG AA × Fail

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 68.0459, 73.6002, 58.1968 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

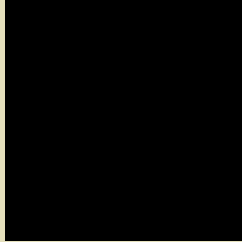
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

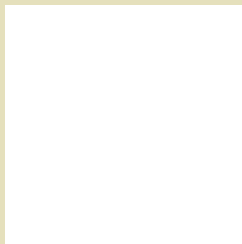
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 68.0459, 73.6002, 58.1968

Background



This preview shows how black text looks on a background with the XYZ color 68.0459, 73.6002, 58.1968.



This preview shows how white text looks on a background with the XYZ color 68.0459, 73.6002,

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

68.0459, 73.6002, 58.1968

Protanopia

69.3519, 73.4926, 57.5440

Deuteranopia

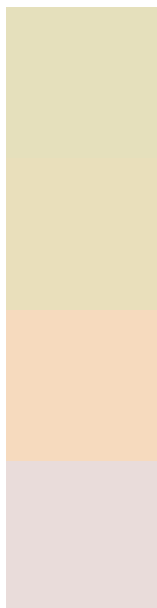
74.9444, 73.6225, 59.5508



Tritanopia

74.0692, 73.2860, 88.8390

Trichromacy



Original Color

68.0459, 73.6002, 58.1968

Protanomaly

68.9616, 73.6868, 57.6020

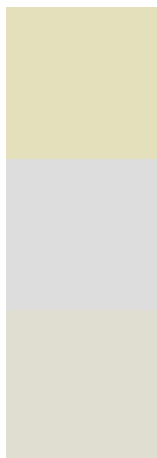
Deuteranomaly

72.3717, 73.4533, 59.0787

Tritanomaly

71.8524, 73.5720, 76.7435

Monochromacy



Original Color

68.0459, 73.6002, 58.1968

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

68.3704, 72.6933, 70.7493

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.0459, 73.6002, 58.1968 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(229, 224, 188)` looks like.

```
.text, #text, p{  
    color:rgb(229, 224, 188)  
}
```

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(229, 224, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 224, 188) }
```

Border

The CSS property to change the border of an element to XYZ 68.0459, 73.6002, 58.1968 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(229, 224, 188) }
```


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

```
.border{ border-color:rgb(229, 224, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 224, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 224, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 224, 188);  
box-shadow:4px 4px 4px 4px rgb(229, 224,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 68.0459, 73.6002, 58.1968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 224, 188) }
```

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

```
.background{ background-color: rgb(229,  
224, 188) }
```

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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