

Converting Colors

XYZ(58.1208, 68.0362, 10.0690)

Have a look what the booklet for
XYZ(58.1208, 68.0362, 10.0690)
contains.

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Color

**XYZ(57.9063, 67.8444,
10.0433)**

Conversions

Conversions Part 1

Format	Color
Hex	E5DC00
RGB	229, 220, 0
RGB Percent	90%, 86%, 0%
CMY	0.1020, 0.1372, 0.9999
CMYK	0.00, 0.04, 1.00, 0.10
HSL	58°, 100%, 45%
HSV	58°, 100%, 90%
XYZ	57.9063, 67.8444, 10.0433
YIQ	197.6110, 75.9840, -66.5120

Conversions

Conversions Part 2

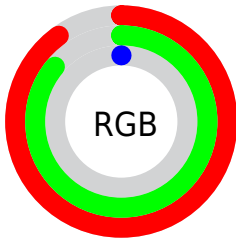
Format	Color
R_YB	9, 229, 0
Decimal	15064064
CIE Lab	85.93, -15.48, 85.37
CIE LCh	86, 86.765, 100.276
Yxy	67.8444, 0.4264, 0.4996
Android (android.graphics.Color)	4293254144 (0xFFE5DC00)
YUV	197.6110, -97.4222, 27.5282
Hunter-Lab	82.3677, -18.6541, 50.4280

Details

The XYZ color **57.9063, 67.8444, 10.0433** is a light color, and the websafe version is hex **CCCC00**. The color can be described as light washed yellow. A complement of this color would be **14.2410, 5.8531, 74.5073**, and the grayscale version is **53.9842, 56.7956, 61.8504**.

A 20% lighter version of the original color is **78.8032, 93.5013, 23.3454**, and **29.8173, 35.3453, 5.2508** is the 20% darker color. If you saturate the color by 10%, you get **57.9074, 67.8469, 10.0437**, and if you desaturate by 10%, it is **58.2983, 68.3825, 10.9334**.

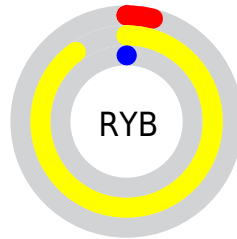
Distribution



Red (90%)

Green (86%)

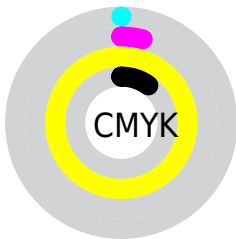
Blue (0%)



Red (4%)

Yellow (90%)

Blue (0%)

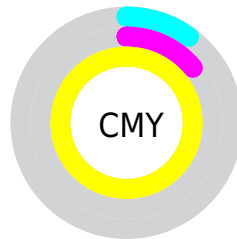


Cyan (0%)

Magenta (4%)

Yellow (100%)

Black (10%)



Cyan (10%)

Magenta (14%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.9063, 67.8444, 10.0433 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 57.9063, 67.8444, 10.0433 by changing the saturation by 10% instead.

57.9063, 67.8444,
10.0433

57.9063, 67.8444,
10.0433

406.7962,
452.9445, 201.4769

41.9763, 49.7712,
5.3217

100.9101,
116.1295, 26.4860

29.2738, 35.2316,
2.3752

128.7147,
147.1102, 39.0442

19.4333, 23.8413,
0.7729

161.2081,
183.1621, 55.0516

12.0897, 15.2160,
0.0000

198.7558,
224.6697, 74.9269

6.8774, 8.9711,
0.0000

241.7231,
272.0173, 99.0885

3.4312, 4.7223,
0.0000

290.4754,

1.3857, 2.0853,

325.5894, 127.9550

0.0000

345.3780,
385.7704, 161.9449

■ 0.2460, 0.6563,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.9063, 67.8444,
10.0433

■ 57.9063, 67.8444,
10.0433

■ 57.9074, 67.8469,
10.0437

■ 58.2983, 68.3825,
10.9334

■ 58.8721, 68.9928,
12.7812

■ 59.6874, 69.7018,
15.8942

■ 60.7777, 70.5227,
20.4493

■ 62.1714, 71.4671,
26.5957

■ 63.8932, 72.5448,
34.4635

■ 65.9654, 73.7646,
44.1700

■ 68.4082, 75.1348,
55.8216

■ 71.2402, 76.6627,
69.5171

Harmonies

Analogous

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



78.2563, 67.8444, 11.3278



57.9063, 67.8444, 10.0433



42.8053, 67.8444, 17.8901

Triad

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



57.9063, 67.8444, 10.0433



39.5076, 67.8444, 169.5810



107.5464, 67.8444, 117.2924

Complementary

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



57.9063, 67.8444, 10.0433



14.2410, 5.8531, 74.5073

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.



92.4691, 67.8444, 192.7395



57.9063, 67.8444, 10.0433



52.4306, 67.8444, 232.1472

Square

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



57.9063, 67.8444, 10.0433



33.7242, 67.8444, 95.1582



71.5420, 67.8444, 242.2998



109.8534, 67.8444, 56.0218

Rectangle

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



57.9063, 67.8444, 10.0433



36.6714, 67.8444, 31.8173



71.5420, 67.8444, 242.2998



103.6766, 67.8444, 142.4856

Sweetspot

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



57.9078, 67.8476, 10.0447



84.1351, 94.1124, 56.1143



32.3764, 16.6838, 1.8452



17.7571, 19.9980, 10.8272



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.



57.9078, 67.8476, 10.0447



73.8878, 86.5555, 12.8126



36.6179, 60.4710, 9.7430



15.5505, 16.7150, 15.3112



33.1305, 38.8352, 5.7498



2.4634, 2.9002, 0.4300

Inverse Universe

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



14.2410, 5.8531, 74.5073



18.1587, 7.4374, 95.0862



19.7441, 8.5452, 74.7369



13.6280, 13.9774, 18.1240



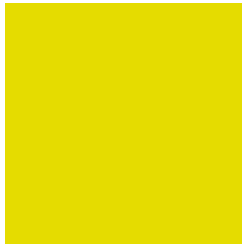
8.1623, 3.3867, 42.6067



0.6193, 0.2825, 3.1539

Previews

White Background



This preview shows how the XYZ color 57.9063, 67.8444, 10.0433 looks on a white background.

Color Contrast Check

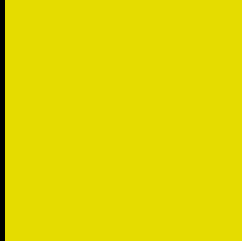
Large Text (above 18pt) WCAG AA × Fail

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 57.9063, 67.8444, 10.0433 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 57.9063, 67.8444, 10.0433

Background



This preview shows how black text looks on a background with the XYZ color 57.9063, 67.8444, 10.0433.



This preview shows how white text looks on a background with the XYZ color 57.9063, 67.8444,

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

57.9063, 67.8444, 10.0433

Protanopia

60.9184, 67.4781, 9.8138

Deuteranopia

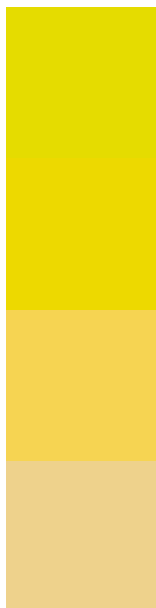
67.5153, 67.4706, 30.2336



Tritanopia

71.4733, 67.4077, 76.9541

Trichromacy



Original Color

57.9063, 67.8444, 10.0433

Protanomaly

59.7379, 67.6302, 9.9054

Deuteranomaly

63.0725, 67.2890, 17.6464

Tritanomaly

63.0401, 66.1638, 34.2593

Monochromacy



Original Color

57.9063, 67.8444, 10.0433

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

52.1317, 59.2043, 28.4186

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.9063, 67.8444, 10.0433 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, 220, 0)` looks like.

```
.text, #text, p{  
    color:rgb(229, 220, 0)  
}
```

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, 220, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 220, 0) }
```

Border

The CSS property to change the border of an element to XYZ 57.9063, 67.8444, 10.0433 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, 220, 0) }
```


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

```
.border{ border-color:rgb(229, 220, 0) }
```

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

Here you see how a box with a 4 pixel rgb(229, 220, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 220, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 220, 0);  
box-shadow:4px 4px 4px 4px rgb(229, 220,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 57.9063, 67.8444, 10.0433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 220, 0) }
```

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

```
.background{ background-color: rgb(229,  
220, 0) }
```

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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