

Converting Colors

XYZ(57.2240, 68.1504, 10.1383)

Have a look what the booklet for
XYZ(57.2240, 68.1504, 10.1383)
contains.

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Color

**XYZ(57.1726, 68.2501,
10.1603)**

Conversions

Conversions Part 1

Format	Color
Hex	E1DE00
RGB	225, 222, 0
RGB Percent	88%, 87%, 0%
CMY	0.1177, 0.1294, 0.9999
CMYK	0.00, 0.01, 1.00, 0.12
HSL	59°, 100%, 44%
HSV	59°, 100%, 88%
XYZ	57.1726, 68.2501, 10.1603
YIQ	197.5890, 73.0500, -68.4060

Conversions

Conversions Part 2

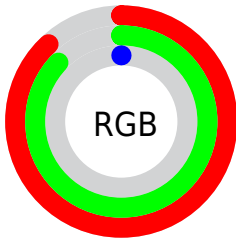
Format	Color
RYB	3, 225, 0
Decimal	14802432
CIELab	86.13, -18.15, 85.37
CIELCh	86, 87.281, 102.002
Yxy	68.2501, 0.4217, 0.5034
Android (android.graphics.Color)	4292992512 (0xFFE1DE00)
YUV	197.5890, -97.4114, 24.0394
Hunter-Lab	82.6136, -21.0432, 50.5377

Details

The XYZ color **57.1726, 68.2501, 10.1603** 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 **13.6237, 5.5020, 71.5775**, and the grayscale version is **53.9720, 56.7828, 61.8365**.

A 20% lighter version of the original color is **78.8032, 93.5013, 23.3454**, and **29.3358, 35.6368, 5.3324** is the 20% darker color. If you saturate the color by 10%, you get **57.1739, 68.2530, 10.1608**, and if you desaturate by 10%, it is **57.4035, 68.4724, 10.9772**.

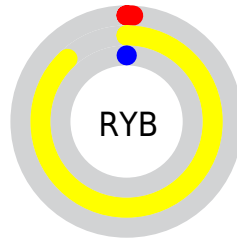
Distribution



Red (88%)

Green (87%)

Blue (0%)



Red (1%)

Yellow (88%)

Blue (0%)

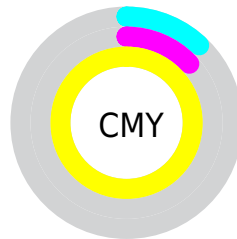


Cyan (0%)

Magenta (1%)

Yellow (100%)

Black (12%)



Cyan (12%)

Magenta (13%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.1726, 68.2501, 10.1603 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 57.1726, 68.2501, 10.1603 by changing the saturation by 10% instead.


 57.1726, 68.2501,
10.1603


 57.1726, 68.2501,
10.1603


404.0995,
454.3816, 202.3386

 41.3845, 50.1012,
5.3984


 99.8469, 116.7099,
26.7091

 28.8087, 35.4938,
2.4201


 127.4638,
147.7895, 39.3330

 19.0797, 24.0435,
0.7973


 159.7544,
183.9483, 55.4148

 11.8322, 15.3659,
0.0000

 197.0840,
225.5705, 75.3728

 6.7009, 9.0766,
0.0000

 239.8179,
273.0405, 99.6256

 3.3204, 4.7912,
0.0000

 288.3216,

 1.3254, 2.1253,

326.7428, 128.5918

0.0000

342.9603,
387.0617, 162.6900

■ 0.2021, 0.6788,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.1726, 68.2501,
10.1603

■ 57.1726, 68.2501,
10.1603

■ 57.1739, 68.2530,
10.1608

■ 57.4035, 68.4724,
10.9772

■ 57.8075, 68.7615,
12.7112

■ 58.4422, 69.1432,
15.6597

■ 59.3399, 69.6303,
19.9921

■ 60.5275, 70.2336,
25.8508

■ 62.0289, 70.9626,
33.3607

■ 63.8652, 71.8258,
42.6338

■ 66.0558, 72.8310,
53.7723

■ 68.6188, 73.9853,
66.8706

Harmonies

Analogous

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



77.5372, 68.2501, 10.9752



57.1726, 68.2501, 10.1603



42.3246, 68.2501, 18.7287

Triad

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



57.1726, 68.2501, 10.1603



40.2137, 68.2501, 175.4933



108.9208, 68.2501, 113.9534

Complementary

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



57.1726, 68.2501, 10.1603



13.6237, 5.5020, 71.5775

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.



94.2656, 68.2501, 190.3919



57.1726, 68.2501, 10.1603



53.6629, 68.2501, 236.7375

Square

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



57.1726, 68.2501, 10.1603



33.9746, 68.2501, 99.7406



73.2283, 68.2501, 243.2745



110.4033, 68.2501, 53.6216

Rectangle

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



57.1726, 68.2501, 10.1603



36.4171, 68.2501, 33.5720



73.2283, 68.2501, 243.2745



105.2506, 68.2501, 139.1951

Sweetspot

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



57.1741, 68.2533, 10.1617



84.7624, 95.3668, 56.3234



31.0721, 16.0164, 1.5623



17.9100, 20.3038, 10.8781



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.



57.1741, 68.2533, 10.1617



75.9273, 90.6346, 13.4924



34.1628, 57.5812, 9.3146



14.8553, 15.9966, 14.6115



32.9538, 39.3456, 5.8576



2.2893, 2.7374, 0.4077

Inverse Universe

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



13.6237, 5.5020, 71.5775



18.0868, 7.2936, 95.0623



19.8687, 8.6732, 71.8604



12.9666, 13.2723, 17.2661



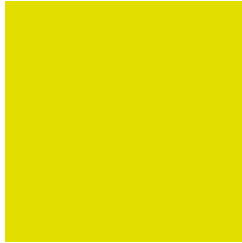
7.8569, 3.1834, 41.2487



0.5498, 0.2311, 2.8609

Previews

White Background



This preview shows how the XYZ color 57.1726, 68.2501, 10.1603 looks on a white background.

Color Contrast Check

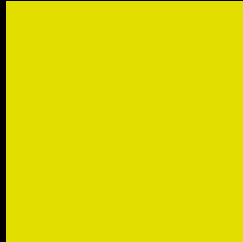
Large Text (above 18pt) WCAG AA × Fail

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 57.1726, 68.2501, 10.1603 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 57.1726, 68.2501, 10.1603

Background



This preview shows how black text looks on a background with the XYZ color 57.1726, 68.2501, 10.1603.



This preview shows how white text looks on a background with the XYZ color 57.1726, 68.2501,

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

57.1726, 68.2501, 10.1603

Protanopia

61.5180, 68.1664, 9.9151

Deuteranopia

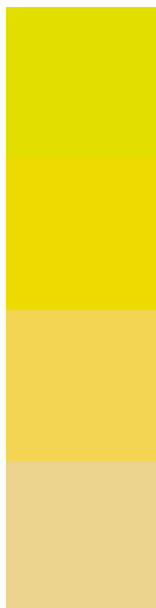
67.8926, 68.0104, 31.0217



Tritanopia

70.8527, 67.7673, 78.4533

Trichromacy



Original Color

57.1726, 68.2501, 10.1603

Protanomaly

59.6635, 67.9757, 9.9760

Deuteranomaly

62.6638, 67.4461, 17.8993

Tritanomaly

62.2829, 66.5025, 34.7529

Monochromacy



Original Color

57.1726, 68.2501, 10.1603

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

52.0911, 59.5419, 28.4859

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.1726, 68.2501, 10.1603 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(225, 222, 0)` looks like.

```
.text, #text, p{  
    color:rgb(225, 222, 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(225, 222, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 222, 0) }
```

Border

The CSS property to change the border of an element to XYZ 57.1726, 68.2501, 10.1603 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(225, 222, 0) }
```


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

```
.border{ border-color:rgb(225, 222, 0) }
```

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

Here you see how a box with a 4 pixel rgb(225, 222, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 222, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 222, 0);  
box-shadow:4px 4px 4px 4px rgb(225, 222,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 57.1726, 68.2501, 10.1603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 222, 0) }
```

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

```
.background{ background-color: rgb(225,  
222, 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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