

Converting Colors

XYZ(57.1064, 66.3801, 9.8028)

Have a look what the booklet for
XYZ(57.1064, 66.3801, 9.8028)
contains.

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Color

**XYZ(57.1260, 66.2837,
9.7832)**

Conversions

Conversions Part 1

Format	Color
Hex	E5D900
RGB	229, 217, 0
RGB Percent	90%, 85%, 0%
CMY	0.1020, 0.1490, 0.9999
CMYK	0.00, 0.05, 1.00, 0.10
HSL	57°, 100%, 45%
HSV	57°, 100%, 90%
XYZ	57.1260, 66.2837, 9.7832
YIQ	195.8500, 76.8090, -64.9430

Conversions

Conversions Part 2

Format	Color
R _Y B	13, 229, 0
Decimal	15063296
CIE Lab	85.14, -13.99, 84.80
CIE LCh	85, 85.949, 99.371
Yxy	66.2837, 0.4289, 0.4977
Android (android.graphics.Color)	4293253376 (0xFFE5D900)
YUV	195.8500, -96.5540, 29.0726
Hunter-Lab	81.4148, -17.2285, 49.8658

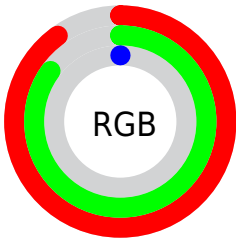
Details

The XYZ color **57.1260, 66.2837, 9.7832** 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 **14.2749, 5.9208, 74.5188**, and the grayscale version is **52.9114, 55.6669, 60.6213**.

A 20% lighter version of the original color is **78.7615, 93.4846, 23.1257**, and **29.4594, 34.6294, 5.1315** is the 20% darker color. If you saturate the color by 10%, you get **57.1269, 66.2860, 9.7836**, and if you desaturate by 10%, it is **57.5916, 66.9690, 10.6978**.

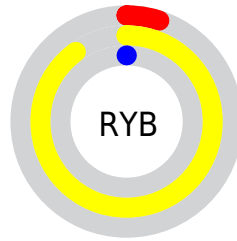
Distribution



Red (90%)

Green (85%)

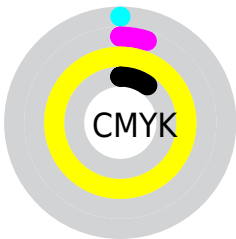
Blue (0%)



Red (5%)

Yellow (90%)

Blue (0%)

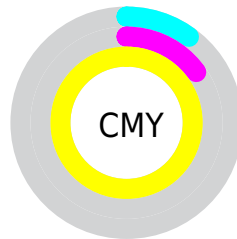


Cyan (0%)

Magenta (5%)

Yellow (100%)

Black (10%)



Cyan (10%)

Magenta (15%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.1260, 66.2837, 9.7832 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 57.1260, 66.2837, 9.7832 by changing the saturation by 10% instead.

57.1260, 66.2837,
9.7832

57.1260, 66.2837,
9.7832

403.9278,
447.3908, 199.5459

41.3469, 48.5027,
5.1517

99.7793, 113.8934,
25.9883

28.7791, 34.2252,
2.2763

127.3843,
144.4910, 38.3991

19.0573, 23.0666,
0.7179

159.6619,
180.1295, 54.2400

11.8159, 14.6427,
0.0000

196.9776,
221.1934, 73.9296

6.6898, 8.5690,
0.0000

239.6967,
268.0671, 97.8864

3.3134, 4.4612,
0.0000

288.1845,

1.3216, 1.9347,

321.1350, 126.5291

0.0000

342.8064,
380.7814, 160.2761

■ 0.1993, 0.5691,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.1260, 66.2837,
9.7832

■ 57.1260, 66.2837,
9.7832

■ 57.1269, 66.2860,
9.7836

■ 57.5916, 66.9690,
10.6978

■ 58.2400, 67.7285,
12.5705

■ 59.1308, 68.5886,
15.7086

■ 60.2977, 69.5627,
20.2893

61.7690, 70.6621,
26.4615

63.5693, 71.8969,
34.3555

65.7210, 73.2758,
44.0885

68.2443, 74.8070,
55.7670

71.1579, 76.4980,
69.4897

Harmonies

Analogous

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



77.0617, 66.2837, 11.2838



57.1260, 66.2837, 9.7832



42.1965, 66.2837, 17.1153

Triad

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



57.1260, 66.2837, 9.7832



38.3621, 66.2837, 163.2374



104.7041, 66.2837, 116.6762

Complementary

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



57.1260, 66.2837, 9.7832



14.2749, 5.9208, 74.5188

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.



89.7170, 66.2837, 190.0955



57.1260, 66.2837, 9.7832



50.7634, 66.2837, 225.1997

Square

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



57.1260, 66.2837, 9.7832



32.9235, 66.2837, 90.9800



69.2649, 66.2837, 236.9689



107.3811, 66.2837, 56.1525

Rectangle

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



57.1260, 66.2837, 9.7832



36.0689, 66.2837, 30.3122



69.2649, 66.2837, 236.9689



100.8115, 66.2837, 141.3369

Sweetspot

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



57.1275, 66.2868, 9.7845



83.8212, 93.4845, 56.0096



32.4016, 16.6939, 1.9775



17.6806, 19.8451, 10.8017



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.



57.1275, 66.2868, 9.7845



72.8861, 84.5521, 12.4787



37.1914, 60.7667, 9.7698



15.5335, 16.6810, 15.3055



32.6910, 37.9561, 5.6033



2.4357, 2.8447, 0.4207

Inverse Universe

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



14.2749, 5.9208, 74.5188



18.1985, 7.5171, 95.0995



19.3160, 8.3245, 74.7170



13.6431, 14.0076, 18.1290



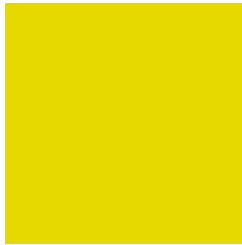
8.1877, 3.4374, 42.6151



0.6265, 0.2970, 3.1563

Previews

White Background



This preview shows how the XYZ color 57.1260, 66.2837, 9.7832 looks on a white background.

Color Contrast Check

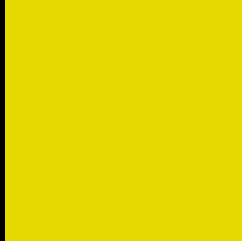
Large Text (above 18pt) WCAG AA × Fail

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 57.1260, 66.2837, 9.7832 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 57.1260, 66.2837, 9.7832

Background



This preview shows how black text looks on a background with the XYZ color 57.1260, 66.2837, 9.7832.

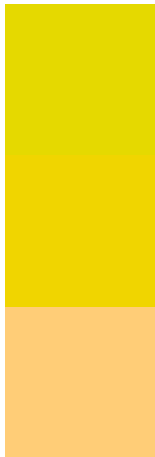


This preview shows how white text looks on a background with the XYZ color 57.1260, 66.2837,

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

57.1260, 66.2837, 9.7832

Protanopia

59.7294, 66.1138, 9.6132

Deuteranopia

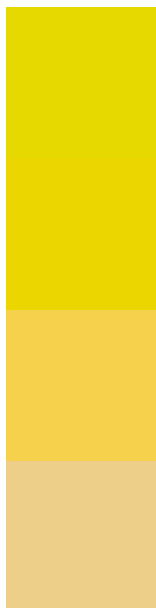
66.4011, 66.2546, 26.7415



Tritanopia

70.2629, 66.1281, 74.7064

Trichromacy



Original Color

57.1260, 66.2837, 9.7832

Protanomaly

58.6386, 65.9260, 9.6344

Deuteranomaly

62.1110, 65.7156, 16.2482

Tritanomaly

61.8253, 64.4652, 33.2292

Monochromacy



Original Color

57.1260, 66.2837, 9.7832

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

51.3070, 58.0763, 27.9077

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.1260, 66.2837, 9.7832 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, 217, 0)` looks like.

```
.text, #text, p{  
    color:rgb(229, 217, 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, 217, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 217, 0) }
```

Border

The CSS property to change the border of an element to XYZ 57.1260, 66.2837, 9.7832 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, 217, 0) }
```


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

```
.border{ border-color:rgb(229, 217, 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, 217, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 217, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 217, 0);  
box-shadow:4px 4px 4px 4px rgb(229, 217,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 57.1260, 66.2837, 9.7832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 217, 0) }
```

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

```
.background{ background-color: rgb(229,  
217, 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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