

Converting Colors

XYZ(56.9591, 64.1807, 15.5757)

Have a look what the booklet for
XYZ(56.9591, 64.1807, 15.5757)
contains.

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Color

**XYZ(57.0263, 64.2129,
15.5196)**

Conversions

Conversions Part 1

Format	Color
Hex	E5D448
RGB	229, 212, 72
RGB Percent	90%, 83%, 28%
CMY	0.1020, 0.1686, 0.7176
CMYK	0.00, 0.07, 0.69, 0.10
HSL	54°, 75%, 59%
HSV	54°, 69%, 90%
XYZ	57.0263, 64.2129, 15.5196
YIQ	201.1230, 55.0720, -39.9360

Conversions

Conversions Part 2

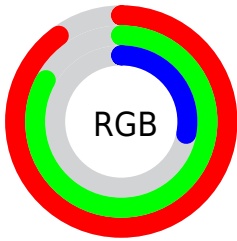
Format	Color
R _Y B	91, 229, 72
Decimal	15062088
CIE Lab	84.08, -9.65, 68.07
CIE LCh	84, 68.754, 98.071
Yxy	64.2129, 0.4170, 0.4695
Android (android.graphics.Color)	4293252168 (0xFFE5D448)
YUV	201.1230, -63.6576, 24.4481
Hunter-Lab	80.1330, -13.2038, 44.6102

Details

The XYZ color **57.0263, 64.2129, 15.5196** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **20.3878, 14.1794, 75.7906**, and the grayscale version is **55.9539, 58.8678, 64.1071**.

A 20% lighter version of the original color is **80.8963, 94.3385, 34.3675**, and **28.8044, 32.9998, 4.8514** is the 20% darker color. If you saturate the color by 10%, you get **55.7996, 62.7408, 12.0865**, and if you desaturate by 10%, it is **58.5436, 65.8214, 20.4229**.

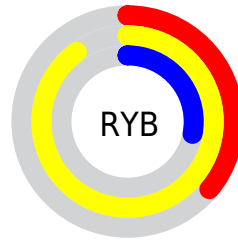
Distribution



Red (90%)

Green (83%)

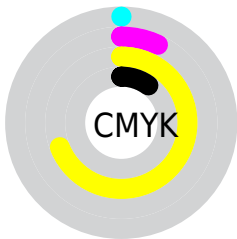
Blue (28%)



Red (36%)

Yellow (90%)

Blue (28%)

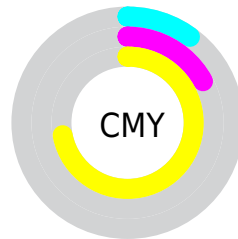


Cyan (0%)

Magenta (7%)

Yellow (69%)

Black (10%)



Cyan (10%)

Magenta (17%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.0263, 64.2129, 15.5196 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 57.0263, 64.2129, 15.5196 by changing the saturation by 10% instead.

■ 57.0263, 64.2129,
15.5196

■ 57.0263, 64.2129,
15.5196

403.5604,
439.9581, 238.2382

■ 41.2666, 46.8231,
9.0342

■ 99.6347, 110.9175,
36.5173

■ 28.7160, 32.8959,
4.6664

■ 127.2141,
141.0011, 51.8666

■ 19.0093, 22.0467,
1.9976

■ 159.4641,
176.0848, 71.0077

■ 11.7811, 13.8912,
0.5538

■ 196.7500,
216.5529, 94.3591

■ 6.6659, 8.0450,
0.0000

■ 239.4373,
262.7899, 122.3393

■ 3.2985, 4.1238,
0.0000

287.8912,

■ 1.3135, 1.7430,

315.1802, 155.3668

0.0000

342.4771,
374.1081, 193.8603

■ 0.1933, 0.4513,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.0263, 64.2129,
15.5196

■ 57.0263, 64.2129,
15.5196

■ 55.7996, 62.7408,
12.0865

■ 58.5436, 65.8214,
20.4229

■ 54.8263, 61.3827,
9.9477


■ 60.3748, 67.5682,
26.9385

■ 54.0596, 60.1224,
8.8504


■ 62.5457, 69.4663,
35.1960


■ 53.9563, 59.9447,
8.7267


■ 65.0783, 71.5246,
45.3105

 67.9927, 73.7510,
57.3877

 71.3075, 76.1531,
71.5250

 75.0398, 78.7378,
87.8135

 79.1733, 81.4987,
106.1657

 79.8753, 82.9028,
106.3997

Harmonies

Analogous

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



72.5930, 64.2129, 17.5129



57.0263, 64.2129, 15.5196



44.7478, 64.2129, 22.6014

Triad

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



57.0263, 64.2129, 15.5196



40.8201, 64.2129, 135.1545



92.3041, 64.2129, 106.0060

Complementary

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



57.0263, 64.2129, 15.5196



20.3878, 14.1794, 75.7906

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.



80.8544, 64.2129, 158.5130



57.0263, 64.2129, 15.5196



50.7694, 64.2129, 179.6378

Square

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



57.0263, 64.2129, 15.5196



36.4581, 64.2129, 82.3195



65.2219, 64.2129, 189.6082



94.7263, 64.2129, 58.8272

Rectangle

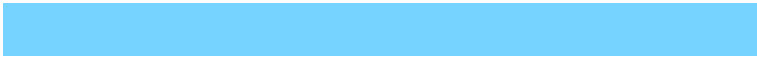
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



57.0263, 64.2129, 15.5196



39.4639, 64.2129, 34.3751



65.2219, 64.2129, 189.6082



89.3018, 64.2129, 124.0892

Sweetspot

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



57.0278, 64.2159, 15.5209



85.7743, 93.3756, 69.0388



36.4897, 22.0369, 12.0749



18.1350, 19.8160, 13.8451



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.



57.0278, 64.2159, 15.5209



70.6912, 79.3765, 14.1698



45.5122, 64.9211, 16.2640



15.4614, 16.5366, 15.2814



30.9040, 34.3822, 5.0076



2.3220, 2.6174, 0.3828

Inverse Universe

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



20.3878, 14.1794, 75.7906



21.2717, 11.9975, 95.8024



26.0052, 15.2130, 75.6940



13.7078, 14.1370, 18.1506



8.3245, 3.7112, 42.6607



0.6575, 0.3589, 3.1666

Previews

White Background



This preview shows how the XYZ color 57.0263, 64.2129, 15.5196 looks on a white background.

Color Contrast Check

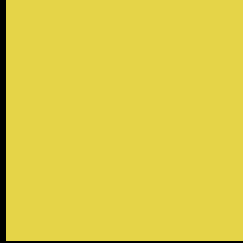
Large Text (above 18pt) WCAG AA × Fail

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 57.0263, 64.2129, 15.5196 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 57.0263, 64.2129, 15.5196

Background



This preview shows how black text looks on a background with the XYZ color 57.0263, 64.2129, 15.5196.



This preview shows how white text looks on a background with the XYZ color 57.0263, 64.2129,

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

57.0263, 64.2129, 15.5196

Protanopia

58.4449, 64.2103, 15.2747

Deuteranopia

64.8870, 64.1374, 23.4278



Tritanopia

68.6073, 63.9440, 72.3448

Trichromacy



Original Color

57.0263, 64.2129, 15.5196

Protanomaly

58.0359, 64.3671, 15.3265

Deuteranomaly

61.9487, 64.1000, 20.1738

Tritanomaly

62.8026, 63.3250, 43.0953

Monochromacy



Original Color

57.0263, 64.2129, 15.5196

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

54.5280, 59.8446, 39.2491

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.0263, 64.2129, 15.5196 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, 212, 72)` looks like.

```
.text, #text, p{  
    color:rgb(229, 212, 72)  
}
```

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, 212, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 212, 72) }
```

Border

The CSS property to change the border of an element to XYZ 57.0263, 64.2129, 15.5196 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, 212, 72) }
```


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

```
.border{ border-color:rgb(229, 212, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 212, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 212, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 212, 72);  
box-shadow:4px 4px 4px 4px rgb(229, 212,  
72) }
```

Background

The CSS property to change the background color of an element to XYZ 57.0263, 64.2129, 15.5196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 212, 72) }
```

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

```
.background{ background-color: rgb(229,  
212, 72) }
```

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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