

Converting Colors

XYZ(57.6707, 69.0151, 30.5319)

Have a look what the booklet for
XYZ(57.6707, 69.0151, 30.5319)
contains.

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Color

**XYZ(57.7033, 68.8669,
30.6734)**

Conversions

Conversions Part 1

Format	Color
Hex	D4E080
RGB	212, 224, 128
RGB Percent	83%, 88%, 50%
CMY	0.1686, 0.1215, 0.4980
CMYK	0.05, 0.00, 0.43, 0.12
HSL	68°, 61%, 69%
HSV	68°, 43%, 88%
XYZ	57.7033, 68.8669, 30.6734
YIQ	209.4680, 23.6640, -32.4000

Conversions

Conversions Part 2

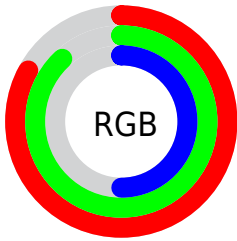
Format	Color
R_{YB}	128, 224, 140
Decimal	13951104
CIE _{Lab}	86.44, -18.17, 45.51
CIE _{LCh}	86, 49.002, 111.765
Yxy	68.8669, 0.3670, 0.4380
Android (android.graphics.Color)	4292141184 (0xFFD4E080)
YUV	209.4680, -40.1637, 2.2206
Hunter-Lab	82.9861, -21.1080, 36.1754

Details

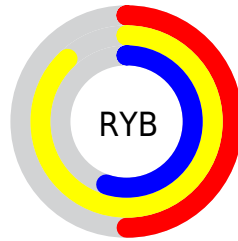
The XYZ color **57.7033, 68.8669, 30.6734** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **31.9915, 26.3974, 73.9342**, and the grayscale version is **61.1552, 64.3401, 70.0663**.

A 20% lighter version of the original color is **85.4435, 96.1574, 58.3128**, and **29.2028, 35.9657, 12.2404** is the 20% darker color. If you saturate the color by 10%, you get **55.5888, 67.9310, 23.7096**, and if you desaturate by 10%, it is **60.1607, 69.9464, 39.3549**.

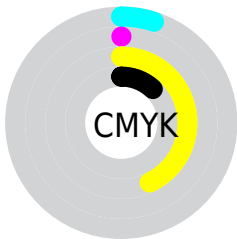
Distribution



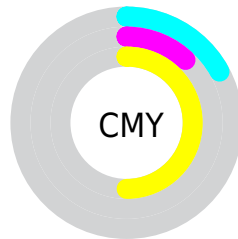
- Red (83%)
- Green (88%)
- Blue (50%)



- Red (50%)
- Yellow (88%)
- Blue (55%)



- Cyan (5%)
- Magenta (0%)
- Yellow (43%)
- Black (12%)



- Cyan (17%)
- Magenta (12%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.7033, 68.8669, 30.6734 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 57.7033, 68.8669, 30.6734 by changing the saturation by 10% instead.

■ 57.7033, 68.8669,
30.6734

■ 57.7033, 68.8669,
30.6734

406.0512,
456.5614, 319.3353

■ 41.8125, 50.6033,
20.0939

■ 100.6161,
117.5914, 61.7990

■ 29.1450, 35.8930,
12.2786

■ 128.3689,
148.8212, 83.1823

■ 19.3353, 24.3516,
6.8089

■ 160.8063,
185.1418, 109.0038

■ 12.0183, 15.5946,
3.2662

198.2937,
226.9377, 139.6822

■ 6.8284, 9.2378,
1.2321

241.1966,
274.5932, 175.6360

■ 3.4004, 4.8966,
0.0052

289.8802,

■ 1.3689, 2.1867,

328.4927, 217.2838

0.0000

344.7100,
389.0206, 265.0440

■ 0.2339, 0.7127,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.7033, 68.8669,
30.6734

■ 57.7033, 68.8669,
30.6734

■ 55.5888, 67.9310,
23.7096

■ 60.1607, 69.9464,
39.3549

■ 53.7903, 67.1208,
18.3450


■ 62.9758, 71.1682,
49.8533


■ 52.2853, 66.4295,
14.4533


■ 66.1683, 72.5425,
62.2657


■ 51.0457, 65.8460,
11.8869


■ 69.7552, 74.0763,
76.6806


 50.0376, 65.3566,
10.4680


 73.7523, 75.7758,
93.1814

 49.4201, 65.0491,
9.9510

 76.9591, 77.1609,
105.4451

 77.8592, 77.6249,
105.4872

 78.7739, 78.0964,
105.5300

 79.7031, 78.5755,
105.5735

Harmonies

Analogous

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



68.6274, 68.8669, 28.6238



57.7033, 68.8669, 30.6734



49.7871, 68.8669, 42.6105

Triad

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



57.7033, 68.8669, 30.6734



52.8737, 68.8669, 135.4675



89.4795, 68.8669, 84.2844

Complementary

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



57.7033, 68.8669, 30.6734



31.9915, 26.3974, 73.9342

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.



84.1090, 68.8669, 120.6235



57.7033, 68.8669, 30.6734



62.3837, 68.8669, 155.2668

Square

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



57.7033, 68.8669, 30.6734



47.2310, 68.8669, 100.5889



73.8736, 68.8669, 149.1662



87.8528, 68.8669, 54.1413

Rectangle

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



57.7033, 68.8669, 30.6734



46.8627, 68.8669, 57.1005



73.8736, 68.8669, 149.1662



88.4125, 68.8669, 96.2594

Sweetspot

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



57.7050, 68.8700, 30.6748



88.6559, 97.2681, 83.1038



43.9008, 35.9309, 25.0445



18.7632, 20.7280, 16.9495



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.



57.7050, 68.8700, 30.6748



74.9661, 91.3042, 33.0576



46.0299, 62.8513, 30.1285



14.6943, 15.9381, 14.6087



28.8317, 37.8958, 5.7950



2.0464, 2.6514, 0.4039

Inverse Universe

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



31.9915, 26.3974, 73.9342



36.3982, 27.5561, 98.0082



41.7184, 31.4118, 74.3894



13.1105, 13.3250, 17.2687



8.1625, 3.3032, 41.2557



0.6187, 0.2562, 2.8621

Previews

White Background



This preview shows how the XYZ color 57.7033, 68.8669, 30.6734 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 57.7033, 68.8669, 30.6734 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

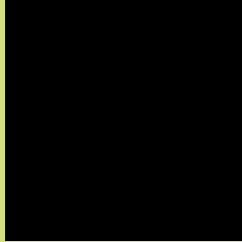
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.7033, 68.8669, 30.6734

Background



This preview shows how black text looks on a background with the XYZ color 57.7033, 68.8669, 30.6734.



This preview shows how white text looks on a background with the XYZ color 57.7033, 68.8669,

30.6734.

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

57.7033, 68.8669, 30.6734

Protanopia

63.1826, 68.5969, 29.3125

Deuteranopia

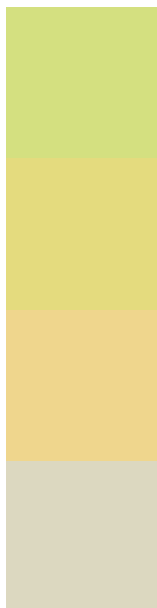
69.2207, 68.5417, 38.0153



Tritanopia

68.4268, 68.5914, 83.7617

Trichromacy



Original Color

57.7033, 68.8669, 30.6734

Protanomaly

61.0923, 68.6634, 29.7721

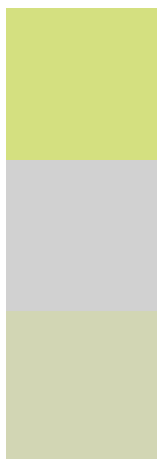
Deuteranomaly

64.4509, 68.3669, 34.9985

Tritanomaly

63.5855, 68.1331, 59.6689

Monochromacy



Original Color

57.7033, 68.8669, 30.6734

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

58.8631, 65.0901, 52.6412

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.7033, 68.8669, 30.6734 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(212, 224, 128)` looks like.

```
.text, #text, p{  
    color:rgb(212, 224, 128)  
}
```

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(212, 224, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 224, 128) }
```

Border

The CSS property to change the border of an element to XYZ 57.7033, 68.8669, 30.6734 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(212, 224, 128) }
```


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

```
.border{ border-color:rgb(212, 224, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 224, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 224, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 224, 128);  
box-shadow:4px 4px 4px 4px rgb(212, 224,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 57.7033, 68.8669, 30.6734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 224, 128) }
```

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

```
.background{ background-color: rgb(212,  
224, 128) }
```

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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