

Converting Colors

XYZ(57.2445, 66.7862, 30.1242)

Have a look what the booklet for
XYZ(57.2445, 66.7862, 30.1242)
contains.

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Color

**XYZ(57.2521, 66.6686,
30.2729)**

Conversions

Conversions Part 1

Format	Color
Hex	D7DB80
RGB	215, 219, 128
RGB Percent	84%, 86%, 50%
CMY	0.1569, 0.1412, 0.4980
CMYK	0.02, 0.00, 0.42, 0.14
HSL	63°, 56%, 68%
HSV	63°, 42%, 86%
XYZ	57.2521, 66.6686, 30.2729
YIQ	207.4300, 26.8270, -29.1490

Conversions

Conversions Part 2

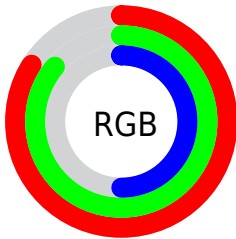
Format	Color
RYB	128, 219, 132
Decimal	14146432
CIELab	85.34, -14.53, 44.18
CIElCh	85, 46.509, 108.201
Yxy	66.6686, 0.3713, 0.4324
Android (android.graphics.Color)	4292336512 (0xFFD7DB80)
YUV	207.4300, -39.1590, 6.6389
Hunter-Lab	81.6508, -17.7280, 35.1732

Details

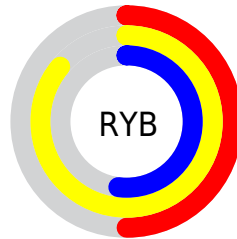
The XYZ color **57.2521, 66.6686, 30.2729** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **30.0235, 25.4600, 70.3536**, and the grayscale version is **59.8198, 62.9351, 68.5363**.

A 20% lighter version of the original color is **85.4435, 96.1574, 58.3128**, and **28.8780, 34.4436, 11.9637** is the 20% darker color. If you saturate the color by 10%, you get **55.6818, 66.0103, 23.4700**, and if you desaturate by 10%, it is **59.1385, 67.4583, 38.7171**.

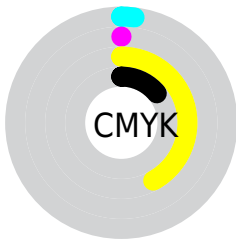
Distribution



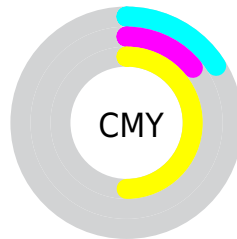
- Red (84%)
- Green (86%)
- Blue (50%)



- Red (50%)
- Yellow (86%)
- Blue (52%)



- Cyan (2%)
- Magenta (0%)
- Yellow (42%)
- Black (14%)



- Cyan (16%)
- Magenta (14%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.2521, 66.6686, 30.2729 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 57.2521, 66.6686, 30.2729 by changing the saturation by 10% instead.

■ 57.2521, 66.6686,
30.2729

■ 57.2521, 66.6686,
30.2729

404.3922,
448.7642, 317.4213

■ 41.4486, 48.8154,
19.7920

■ 99.9622, 114.4454,
61.1596

■ 28.8590, 34.4730,
12.0614

■ 127.5995,
145.1378, 82.4025

■ 19.1179, 23.2572,
6.6624

■ 159.9121,
180.8787, 108.0697

■ 11.8600, 14.7836,
3.1767

197.2654,
222.0524, 138.5800

■ 6.7200, 8.6676,
1.1855

240.0246,
269.0434, 174.3517

■ 3.3324, 4.5250,
0.0000


288.5553,

■ 1.3319, 1.9714,


322.2362, 215.8035


0.0000


343.2227,
382.0150, 263.3538


 0.2069, 0.5908,
0.0000


 0.0000, 0.0000,
0.0000


 57.2521, 66.6686,
30.2729


 57.2521, 66.6686,
30.2729


 55.6818, 66.0103,
23.4700


 59.1385, 67.4583,
38.7171


 54.4025, 65.4661,
18.1978

 61.3544, 68.3777,
48.8955

 53.3932, 65.0302,
14.3388

 63.9186, 69.4365,
60.8987

 52.6280, 64.6921,
11.7564

 66.8467, 70.6412,
74.8102

■ 52.0758, 64.4393,
10.2873

■ 70.1538, 71.9976,
90.7079

■ 51.7310, 64.2747,
9.6797

■ 73.1361, 73.2243,
104.8868

■ 73.4301, 73.3759,
104.9005

■ 73.7258, 73.5283,
104.9144

■ 74.0232, 73.6816,
104.9283

Harmonies

Analogous

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



67.5964, 66.6686, 29.3473



57.2521, 66.6686, 30.2729



49.4429, 66.6686, 40.4022

Triad

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



57.2521, 66.6686, 30.2729



50.8098, 66.6686, 124.9500



85.3173, 66.6686, 85.1019

Complementary

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



57.2521, 66.6686, 30.2729



30.0235, 25.4600, 70.3536

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.



79.6857, 66.6686, 118.4905



57.2521, 66.6686, 30.2729



59.3168, 66.6686, 145.4068

Square

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



57.2521, 66.6686, 30.2729



46.0171, 66.6686, 92.2447



69.9014, 66.6686, 142.7608



84.6060, 66.6686, 55.9478

Rectangle

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



57.2521, 66.6686, 30.2729



46.3692, 66.6686, 53.1210



69.9014, 66.6686, 142.7608



84.0799, 66.6686, 96.3168

Sweetspot

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



57.2537, 66.6716, 30.2743



90.0150, 97.9290, 84.9636



41.2327, 32.8618, 24.5927



19.1595, 20.9165, 17.6796



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.



57.2537, 66.6716, 30.2743



78.8287, 93.2764, 34.0994



45.9090, 60.8232, 29.7434



14.1026, 15.2332, 13.9226



30.6975, 38.1226, 5.7405



2.0066, 2.4790, 0.3727

Inverse Universe

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



30.0235, 25.4600, 70.3536



35.3947, 27.5239, 98.0549



38.5327, 29.8467, 70.7518



12.3914, 12.6444, 16.4396



7.6771, 3.0819, 39.9286



0.5165, 0.2095, 2.5877

Previews

White Background



This preview shows how the XYZ color 57.2521, 66.6686, 30.2729 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 57.2521, 66.6686, 30.2729 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

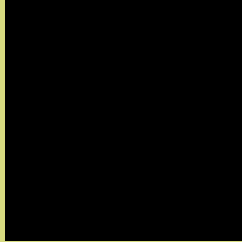
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.2521, 66.6686, 30.2729

Background



This preview shows how black text looks on a background with the XYZ color 57.2521, 66.6686, 30.2729.



This preview shows how white text looks on a background with the XYZ color 57.2521, 66.6686,

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

57.2521, 66.6686, 30.2729

Protanopia

61.1644, 66.4185, 29.3350

Deuteranopia

67.4931, 66.3098, 33.6679



Tritanopia

67.3745, 66.6623, 79.8371

Trichromacy



Original Color

57.2521, 66.6686, 30.2729

Protanomaly

59.4952, 66.3019, 29.7405

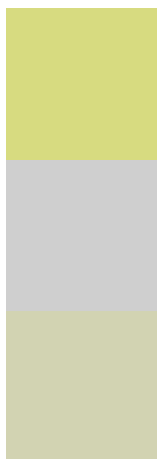
Deuteranomaly

63.1088, 65.8755, 32.3107

Tritanomaly

62.8530, 66.2907, 57.6268

Monochromacy



Original Color

57.2521, 66.6686, 30.2729

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

57.9085, 63.5045, 51.3250

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.2521, 66.6686, 30.2729 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(215, 219, 128)` looks like.

```
.text, #text, p{  
    color:rgb(215, 219, 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(215, 219, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 219, 128) }
```

Border

The CSS property to change the border of an element to XYZ 57.2521, 66.6686, 30.2729 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(215, 219, 128) }
```


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

```
.border{ border-color:rgb(215, 219, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 219, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(215, 219, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(215, 219, 128); box-shadow:4px 4px 4px 4px rgb(215, 219, 128) }
```

Background

The CSS property to change the background color of an element to XYZ 57.2521, 66.6686, 30.2729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 219, 128) }
```

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

```
.background{ background-color: rgb(215,  
219, 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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