

Converting Colors

XYZ(58.0206, 67.1862, 30.1604)

Have a look what the booklet for
XYZ(58.0206, 67.1862, 30.1604)
contains.

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Color

**XYZ(57.8431, 66.9733,
30.3006)**

Conversions

Conversions Part 1

Format	Color
Hex	D9DB80
RGB	217, 219, 128
RGB Percent	85%, 86%, 50%
CMY	0.1490, 0.1412, 0.4980
CMYK	0.01, 0.00, 0.42, 0.14
HSL	61°, 56%, 68%
HSV	61°, 42%, 86%
XYZ	57.8431, 66.9733, 30.3006
YIQ	208.0280, 28.0190, -28.7250

Conversions

Conversions Part 2

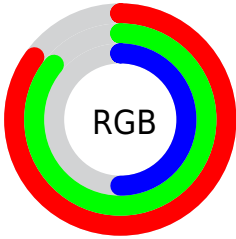
Format	Color
RYB	128, 219, 130
Decimal	14277504
CIELab	85.49, -13.74, 44.41
CIELCh	85, 46.486, 107.196
Yxy	66.9733, 0.3729, 0.4318
Android (android.graphics.Color)	4292467584 (0xFFD9DB80)
YUV	208.0280, -39.4538, 7.8684
Hunter-Lab	81.8372, -17.0501, 35.3337

Details

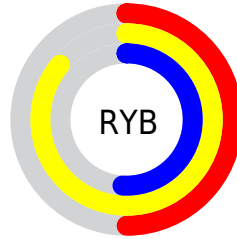
The XYZ color **57.8431, 66.9733, 30.3006** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **29.7137, 25.3003, 70.3392**, and the grayscale version is **60.2089, 63.3445, 68.9821**.

A 20% lighter version of the original color is **85.4435, 96.1574, 58.3128**, and **29.2779, 34.6498, 11.9824** is the 20% darker color. If you saturate the color by 10%, you get **56.4118, 66.3866, 23.5042**, and if you desaturate by 10%, it is **59.5892, 67.6907, 38.7383**.

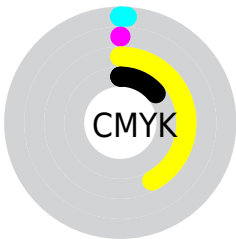
Distribution



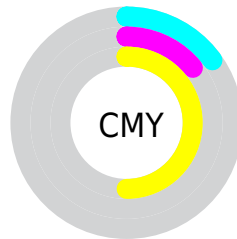
- Red (85%)
- Green (86%)
- Blue (50%)



- Red (50%)
- Yellow (86%)
- Blue (51%)



- Cyan (1%)
- Magenta (0%)
- Yellow (42%)
- Black (14%)



- Cyan (15%)
- Magenta (14%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.8431, 66.9733, 30.3006 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 57.8431, 66.9733, 30.3006 by changing the saturation by 10% instead.

■ 57.8431, 66.9733,
30.3006

■ 57.8431, 66.9733,
30.3006

406.5643,
449.8497, 317.5539

■ 41.9253, 49.0629,
19.8129

■ 100.8186,
114.8822, 61.2038

■ 29.2337, 34.6694,
12.0764

■ 128.6070,
145.6494, 82.4565

■ 19.4028, 23.4083,
6.6725

■ 161.0831,
181.4711, 108.1344

■ 12.0674, 14.8953,
3.1828

198.6120,
222.7316, 138.6563

■ 6.8621, 8.7459,
1.1887

241.5593,
269.8153, 174.4407

■ 3.4216, 4.5758,
0.0000

290.2902,

■ 1.3804, 2.0006,

323.1067, 215.9061

0.0000

345.1701,
382.9900, 263.4710

■ 0.2422, 0.6078,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.8431, 66.9733,
30.3006

■ 57.8431, 66.9733,
30.3006

■ 56.4118, 66.3866,
23.5042

■ 59.5892, 67.6907,
38.7383

■ 55.2703, 65.9135,
18.2385


■ 61.6637, 68.5372,
48.9100


■ 54.3974, 65.5479,
14.3858


■ 64.0851, 69.5224,
60.9066


■ 53.7675, 65.2795,
11.8097


■ 66.8693, 70.6529,
74.8113


 53.3493, 65.0959,
10.3469


 70.0311, 71.9344,
90.7023

 53.1167, 64.9891,
9.7446

 72.8669, 73.0855,
104.8742

 73.0131, 73.1609,
104.8810

 73.1598, 73.2365,
104.8879

 73.3068, 73.3123,
104.8948

Harmonies

Analogous

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



68.2602, 66.9733, 29.6632



57.8431, 66.9733, 30.3006



49.8980, 66.9733, 40.1314

Triad

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



57.8431, 66.9733, 30.3006



50.8387, 66.9733, 124.4139



85.5661, 66.9733, 86.5756

Complementary

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



57.8431, 66.9733, 30.3006



29.7137, 25.3003, 70.3392

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.



79.7358, 66.9733, 119.9710



57.8431, 66.9733, 30.3006



59.2639, 66.9733, 145.5448

Square

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



57.8431, 66.9733, 30.3006



46.1714, 66.9733, 91.4896



69.8461, 66.9733, 143.7250



85.0767, 66.9733, 57.0545

Rectangle

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



57.8431, 66.9733, 30.3006



46.7218, 66.9733, 52.6369



69.8461, 66.9733, 143.7250



84.2555, 66.9733, 97.8469

Sweetspot

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



57.8447, 66.9763, 30.3020



90.2612, 98.0558, 84.9752



41.0305, 32.4573, 24.5253



19.2178, 20.9466, 17.6823



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.



57.8447, 66.9763, 30.3020



79.8370, 93.7963, 34.1466



46.2400, 60.9939, 29.7589



14.1324, 15.2485, 13.9240



31.5068, 38.5399, 5.7784



2.0504, 2.5015, 0.3748

Inverse Universe

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



29.7137, 25.3003, 70.3392



34.9577, 27.2986, 98.0344



38.1904, 29.6702, 70.7359



12.3651, 12.6308, 16.4384



7.6294, 3.0573, 39.9264



0.5038, 0.2030, 2.5871

Previews

White Background



This preview shows how the XYZ color 57.8431, 66.9733, 30.3006 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 57.8431, 66.9733, 30.3006 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 57.8431, 66.9733, 30.3006

Background



This preview shows how black text looks on a background with the XYZ color 57.8431, 66.9733, 30.3006.



This preview shows how white text looks on a background with the XYZ color 57.8431, 66.9733,

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

57.8431, 66.9733, 30.3006

Protanopia

61.7441, 67.0919, 29.4344

Deuteranopia

67.8049, 66.8161, 34.1340



Tritanopia

68.0053, 66.9875, 79.8666

Trichromacy



Original Color

57.8431, 66.9733, 30.3006

Protanomaly

60.3815, 67.1380, 29.8552

Deuteranomaly

63.7662, 66.5715, 32.7813

Tritanomaly

63.4693, 66.6084, 57.6556

Monochromacy



Original Color

57.8431, 66.9733, 30.3006

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

58.5441, 64.1905, 51.9522

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.8431, 66.9733, 30.3006 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(217, 219, 128)` looks like.

```
.text, #text, p{  
    color:rgb(217, 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(217, 219, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 219, 128) }
```

Border

The CSS property to change the border of an element to XYZ 57.8431, 66.9733, 30.3006 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(217, 219, 128) }
```


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

```
.border{ border-color:rgb(217, 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(217, 219, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(217, 219, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(217, 219, 128); box-shadow:4px 4px 4px 4px rgb(217, 219, 128) }
```

Background

The CSS property to change the background color of an element to XYZ 57.8431, 66.9733, 30.3006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 219, 128) }
```

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

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