

Converting Colors

XYZ(57.0820, 67.7301, 31.5374)

Have a look what the booklet for
XYZ(57.0820, 67.7301, 31.5374)
contains.

XYZ(57.0820, 67.7301, 31.5374)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(57.0820, 67.7301,
31.5374)**

Conversions

Conversions Part 1

Format	Color
Hex	D3DE83
RGB	211, 222, 131
RGB Percent	83%, 87%, 51%
CMY	0.1725, 0.1294, 0.4863
CMYK	0.05, 0.00, 0.41, 0.13
HSL	67°, 58%, 69%
HSV	67°, 41%, 87%
XYZ	57.0820, 67.7301, 31.5374
YIQ	208.3370, 22.6550, -30.6330

Conversions

Conversions Part 2

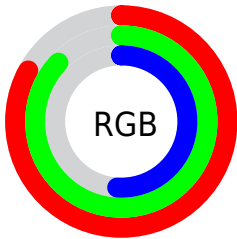
Format	Color
RYB	131, 222, 142
Decimal	13885059
CIELab	85.87, -17.25, 43.31
CIELCh	86, 46.621, 111.718
Yxy	67.7301, 0.3651, 0.4332
Android (android.graphics.Color)	4292075139 (0xFFD3DE83)
YUV	208.3370, -38.1271, 2.3355
Hunter-Lab	82.2983, -20.2146, 34.8884

Details

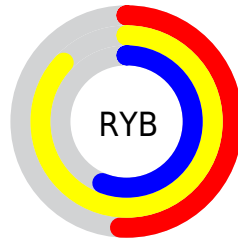
The XYZ color **57.0820, 67.7301, 31.5374** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **32.4589, 27.2590, 72.6619**, and the grayscale version is **60.4039, 63.5497, 69.2056**.

A 20% lighter version of the original color is **85.7570, 96.2828, 59.9635**, and **28.7476, 35.1705, 12.6706** is the 20% darker color. If you saturate the color by 10%, you get **54.9736, 66.8010, 24.4087**, and if you desaturate by 10%, it is **59.5290, 68.8009, 40.3674**.

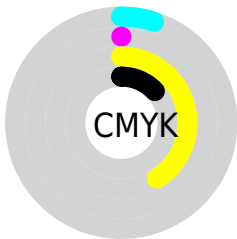
Distribution



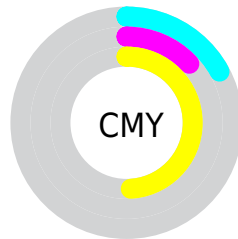
- Red (83%)
- Green (87%)
- Blue (51%)



- Red (51%)
- Yellow (87%)
- Blue (56%)



- Cyan (5%)
- Magenta (0%)
- Yellow (41%)
- Black (13%)



- Cyan (17%)
- Magenta (13%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.0820, 67.7301, 31.5374 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 57.0820, 67.7301, 31.5374 by changing the saturation by 10% instead.

■ 57.0820, 67.7301,
31.5374

■ 57.0820, 67.7301,
31.5374

403.7657,
452.5392, 323.4341

■ 41.3115, 49.6782,
20.7465

■ 99.7155, 115.9659,
63.1746

■ 28.7513, 35.1578,
12.7494

■ 127.3092,
146.9187, 84.8581

■ 19.0361, 23.7844,
7.1275

■ 159.5746,
182.9405, 111.0094

■ 11.8005, 15.1738,
3.4623

196.8772,
224.4157, 142.0472

■ 6.6792, 8.9414,
1.3353

239.5822,
271.7288, 178.3901

■ 3.3068, 4.7030,
0.0904

288.0551,

■ 1.3180, 2.0741,

325.2642, 220.4565

0.0000

342.6611,
385.4061, 268.6650

■ 0.1967, 0.6500,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.0820, 67.7301,
31.5374

■ 57.0820, 67.7301,
31.5374

■ 54.9736, 66.8010,
24.4087

■ 59.5290, 68.8009,
40.3674

■ 53.1779, 65.9961,
18.8674


■ 62.3286, 70.0118,
50.9942


■ 51.6734, 65.3091,
14.7930


■ 65.5000, 71.3730,
63.5112


■ 50.4334, 64.7294,
12.0452


■ 69.0596, 72.8909,
78.0042


 49.4261, 64.2442,
10.4572

 73.0227, 74.5718,
94.5537

 48.6691, 63.8686,
9.7627

 75.8857, 75.8141,
105.2417

 76.7397, 76.2544,
105.2817

 77.6070, 76.7015,
105.3223

 78.4877, 77.1555,
105.3635

Harmonies

Analogous

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



67.3746, 67.7301, 29.5617



57.0820, 67.7301, 31.5374



49.5837, 67.7301, 43.0192

Triad

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



57.0820, 67.7301, 31.5374



52.4891, 67.7301, 130.1160



86.8733, 67.7301, 82.5334

Complementary

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



57.0820, 67.7301, 31.5374



32.4589, 27.2590, 72.6619

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.



81.8501, 67.7301, 116.4399



57.0820, 67.7301, 31.5374



61.4666, 67.7301, 148.4602

Square

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



57.0820, 67.7301, 31.5374



47.1430, 67.7301, 97.6812



72.2651, 67.7301, 142.8627



85.3659, 67.7301, 54.0807

Rectangle

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



57.0820, 67.7301, 31.5374



46.8022, 67.7301, 56.8160



72.2651, 67.7301, 142.8627



85.8744, 67.7301, 93.7450

Sweetspot

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



57.0837, 67.7332, 31.5388



89.1605, 97.4884, 84.9237



43.8393, 36.4022, 26.1894



18.9569, 20.8121, 17.6701



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.



57.0837, 67.7332, 31.5388



75.6902, 91.6389, 34.8355



45.9219, 61.9790, 31.0165



14.7001, 15.9411, 14.6089



28.9702, 37.9672, 5.8015



2.0546, 2.6557, 0.4043

Inverse Universe

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



32.4589, 27.2590, 72.6619



37.7447, 29.2329, 98.2609



41.8254, 32.0876, 73.1002



13.1053, 13.3223, 17.2684



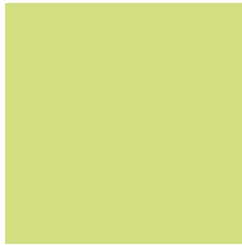
8.1467, 3.2951, 41.2550



0.6162, 0.2549, 2.8620

Previews

White Background



This preview shows how the XYZ color 57.0820, 67.7301, 31.5374 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 57.0820, 67.7301, 31.5374 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

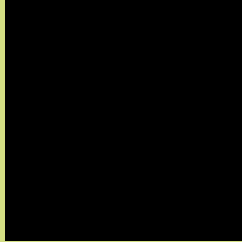
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.0820, 67.7301, 31.5374

Background



This preview shows how black text looks on a background with the XYZ color 57.0820, 67.7301, 31.5374.



This preview shows how white text looks on a background with the XYZ color 57.0820, 67.7301,

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

57.0820, 67.7301, 31.5374

Protanopia

62.4577, 67.8216, 30.2211

Deuteranopia

68.4221, 67.4469, 36.2004



Tritanopia

67.2836, 67.6642, 82.1873

Trichromacy



Original Color

57.0820, 67.7301, 31.5374

Protanomaly

60.3979, 67.8965, 30.6909

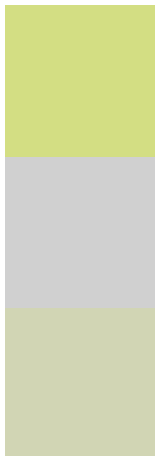
Deuteranomaly

63.8737, 67.3311, 34.4406

Tritanomaly

62.7283, 67.3121, 59.5556

Monochromacy



Original Color

57.0820, 67.7301, 31.5374

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

58.3270, 64.4391, 52.5438

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.0820, 67.7301, 31.5374 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(211, 222, 131)` looks like.

```
.text, #text, p{  
    color:rgb(211, 222, 131)  
}
```

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(211, 222, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 222, 131) }
```

Border

The CSS property to change the border of an element to XYZ 57.0820, 67.7301, 31.5374 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(211, 222, 131) }
```


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

```
.border{ border-color:rgb(211, 222, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 222, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 222, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 222, 131);  
box-shadow:4px 4px 4px 4px rgb(211, 222,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 57.0820, 67.7301, 31.5374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 222, 131) }
```

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

```
.background{ background-color: rgb(211,  
222, 131) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor