

Converting Colors

XYZ(55.8500, 65.0859, 29.8697)

Have a look what the booklet for
XYZ(55.8500, 65.0859, 29.8697)
contains.

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Color

**XYZ(55.8605, 65.1813,
30.0592)**

Conversions

Conversions Part 1

Format	Color
Hex	D4D980
RGB	212, 217, 128
RGB Percent	83%, 85%, 50%
CMY	0.1686, 0.1490, 0.4980
CMYK	0.02, 0.00, 0.41, 0.15
HSL	63°, 54%, 68%
HSV	63°, 41%, 85%
XYZ	55.8605, 65.1813, 30.0592
YIQ	205.3590, 25.5890, -28.7390

Conversions

Conversions Part 2

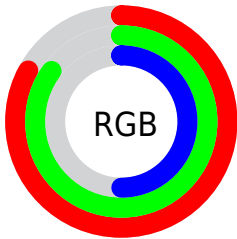
Format	Color
RYB	128, 217, 133
Decimal	13949312
CIELab	84.58, -14.70, 43.18
CIElCh	85, 45.616, 108.804
Yxy	65.1813, 0.3697, 0.4314
Android (android.graphics.Color)	4292139392 (0xFFD4D980)
YUV	205.3590, -38.1380, 5.8242
Hunter-Lab	80.7349, -17.7820, 34.4396

Details

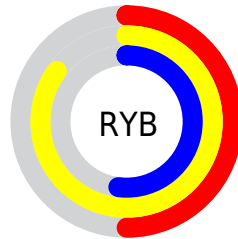
The XYZ color **55.8605, 65.1813, 30.0592** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **29.9189, 25.4363, 68.9824**, and the grayscale version is **58.4824, 61.5280, 67.0040**.

A 20% lighter version of the original color is **85.4435, 96.1574, 58.3128**, and **27.9702, 33.4444, 12.0024** is the 20% darker color. If you saturate the color by 10%, you get **54.2323, 64.4919, 23.3080**, and if you desaturate by 10%, it is **57.8000, 66.0002, 38.4220**.

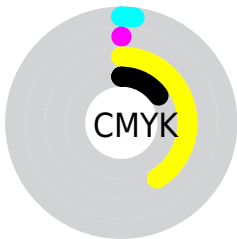
Distribution



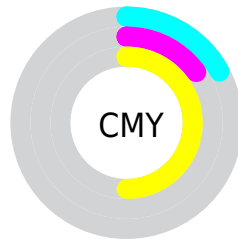
- Red (83%)
- Green (85%)
- Blue (50%)



- Red (50%)
- Yellow (85%)
- Blue (52%)



- Cyan (2%)
- Magenta (0%)
- Yellow (41%)
- Black (15%)





- Cyan (17%)
- Magenta (15%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.8605, 65.1813, 30.0592 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 55.8605, 65.1813, 30.0592 by changing the saturation by 10% instead.


 55.8605, 65.1813,
30.0592


 55.8605, 65.1813,
30.0592


399.2491,
443.4432, 316.3962


 40.3276, 47.6081,
19.6311


 97.9416, 112.3105,
60.8179

 27.9794, 33.5166,
11.9458


 125.2205,
142.6352, 81.9856

 18.4505, 22.5225,
6.5847


 157.1455,
177.9793, 107.5702

 11.3756, 14.2413,
3.1293

194.0820,
218.7271, 137.9903

 6.3892, 8.2887,
1.1610

236.3952,
265.2630, 173.6644

 3.1260, 4.2802,
0.0000

284.4506,

 1.2208, 1.8315,

317.9714, 215.0110

0.0000

338.6134,
377.2366, 262.4488

■ 0.1227, 0.5067,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.8605, 65.1813,
30.0592

■ 55.8605, 65.1813,
30.0592

■ 54.2323, 64.4919,
23.3080

■ 57.8000, 66.0002,
38.4220

■ 52.8911, 63.9152,
18.0608

■ 60.0640, 66.9469,
48.4865

■ 51.8164, 63.4454,
14.2033

■ 62.6706, 68.0310,
60.3413

■ 50.9831, 63.0725,
11.6033

■ 65.6352, 69.2586,
74.0675

■ 50.3612, 62.7845,
10.1030

■ 68.9723, 70.6354,
89.7413

■ 49.9361, 62.5794,
9.4471

■ 72.1750, 71.9589,
104.6932

■ 72.5443, 72.1493,
104.7104

■ 72.9163, 72.3410,
104.7279

■ 73.2910, 72.5342,
104.7454

Harmonies

Analogous

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



65.8281, 65.1813, 28.9873



55.8605, 65.1813, 30.0592



48.3717, 65.1813, 40.1047

Triad

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



55.8605, 65.1813, 30.0592



49.9444, 65.1813, 122.0079



83.1855, 65.1813, 82.4108

Complementary

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



55.8605, 65.1813, 30.0592



29.9189, 25.4363, 68.9824

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.



77.8643, 65.1813, 114.6205



55.8605, 65.1813, 30.0592



58.2328, 65.1813, 141.3110

Square

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



55.8605, 65.1813, 30.0592



45.2230, 65.1813, 90.5989



68.4728, 65.1813, 138.2884



82.3707, 65.1813, 54.4054

Rectangle

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



55.8605, 65.1813, 30.0592



45.4497, 65.1813, 52.5862



68.4728, 65.1813, 138.2884



82.0336, 65.1813, 93.2084

Sweetspot

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



55.8621, 65.1843, 30.0606



89.8785, 97.8586, 84.9573



40.8262, 32.9368, 24.6286



19.1271, 20.8998, 17.6781



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.



55.8621, 65.1843, 30.0606



78.4942, 93.0844, 34.9667



44.8707, 59.5180, 29.5462



14.0861, 15.2246, 13.9218



30.2575, 37.8958, 5.7199



1.9828, 2.4667, 0.3716

Inverse Universe

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



29.9189, 25.4363, 68.9824



36.3686, 28.5235, 98.1965



38.3657, 29.7908, 69.3777



12.4061, 12.6520, 16.4403



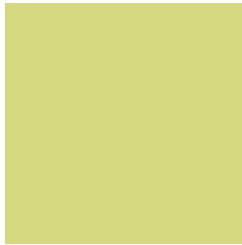
7.7037, 3.0956, 39.9299



0.5235, 0.2131, 2.5880

Previews

White Background



This preview shows how the XYZ color 55.8605, 65.1813, 30.0592 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 55.8605, 65.1813, 30.0592 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

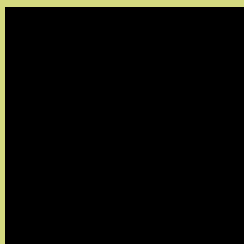
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

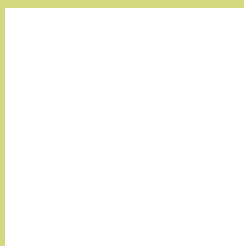
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.8605, 65.1813, 30.0592

Background



This preview shows how black text looks on a background with the XYZ color 55.8605, 65.1813, 30.0592.



This preview shows how white text looks on a background with the XYZ color 55.8605, 65.1813,

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

55.8605, 65.1813, 30.0592

Protanopia

60.0152, 65.0838, 29.1380

Deuteranopia

66.2915, 64.6992, 30.8241



Tritanopia

65.6875, 65.1045, 78.2116

Trichromacy



Original Color

55.8605, 65.1813, 30.0592

Protanomaly

58.3655, 64.9681, 29.5426

Deuteranomaly

62.0062, 64.6151, 30.6766

Tritanomaly

61.3371, 64.7841, 56.8487

Monochromacy



Original Color

55.8605, 65.1813, 30.0592

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

56.7487, 62.1851, 50.6069

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.8605, 65.1813, 30.0592 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, 217, 128)` looks like.

```
.text, #text, p{  
    color:rgb(212, 217, 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, 217, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 217, 128) }
```

Border

The CSS property to change the border of an element to XYZ 55.8605, 65.1813, 30.0592 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, 217, 128) }
```


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

```
.border{ border-color:rgb(212, 217, 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, 217, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 217, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 217, 128);  
box-shadow:4px 4px 4px 4px rgb(212, 217,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 55.8605, 65.1813, 30.0592 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 217, 128) }
```

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

```
.background{ background-color: rgb(212,  
217, 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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