

Converting Colors

XYZ(56.3201, 67.4022, 25.2948)

Have a look what the booklet for
XYZ(56.3201, 67.4022, 25.2948)
contains.

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Color

**XYZ(56.4865, 67.5585,
25.3922)**

Conversions

Conversions Part 1

Format	Color
Hex	D5DE70
RGB	213, 222, 112
RGB Percent	84%, 87%, 44%
CMY	0.1647, 0.1294, 0.5608
CMYK	0.04, 0.00, 0.50, 0.13
HSL	65°, 63%, 65%
HSV	65°, 50%, 87%
XYZ	56.4865, 67.5585, 25.3922
YIQ	206.7690, 29.9460, -36.1180

Conversions

Conversions Part 2

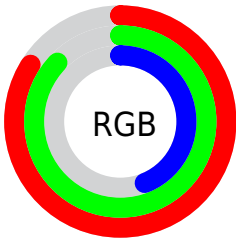
Format	Color
RYB	112, 222, 121
Decimal	14016112
CIELab	85.79, -18.35, 52.39
CIELCh	86, 55.508, 109.307
Yxy	67.5585, 0.3780, 0.4521
Android (android.graphics.Color)	4292206192 (0xFFD5DE70)
YUV	206.7690, -46.7211, 5.4646
Hunter-Lab	82.1940, -21.1682, 39.2193

Details

The XYZ color **56.4865, 67.5585, 25.3922** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **26.8665, 20.9289, 71.7348**, and the grayscale version is **59.4387, 62.5341, 68.0996**.

A 20% lighter version of the original color is **83.8829, 95.5332, 50.0950**, and **28.3184, 35.0211, 9.4049** is the 20% darker color. If you saturate the color by 10%, you get **54.8761, 66.8562, 19.6411**, and if you desaturate by 10%, it is **58.4108, 68.3919, 32.7512**.

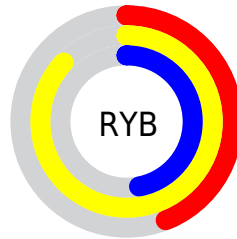
Distribution



Red (84%)

Green (87%)

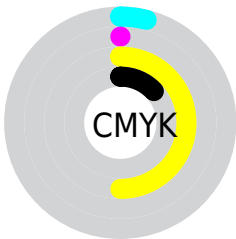
Blue (44%)



Red (44%)

Yellow (87%)

Blue (47%)

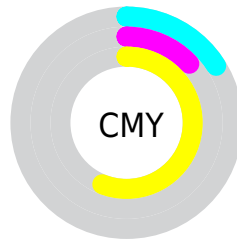


Cyan (4%)

Magenta (0%)

Yellow (50%)

Black (13%)



Cyan (16%)


Magenta (13%)

Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.4865, 67.5585, 25.3922 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 56.4865, 67.5585, 25.3922 by changing the saturation by 10% instead.


 56.4865, 67.5585,
25.3922


 56.4865, 67.5585,
25.3922


401.5677,
451.9302, 293.2955


 40.8316, 49.5386,
16.1478


 98.8512, 115.7203,
53.2648

 28.3746, 35.0470,
9.4733

 126.2918,
146.6311, 72.7300

 18.7502, 23.6990,
4.9502


 158.3917,
182.6076, 96.4393

 11.5928, 15.1105,
2.1598

195.5162,
224.0342, 124.8112

 6.5373, 8.8970,
0.6510

238.0307,
271.2954, 158.2643

 3.2182, 4.6741,
0.0000

286.3005,

 1.2702, 2.0573,

324.7755, 197.2169

0.0000

340.6911,
384.8590, 242.0878

■ 0.1607, 0.6405,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.4865, 67.5585,
25.3922

■ 56.4865, 67.5585,
25.3922

■ 54.8761, 66.8562,
19.6411

■ 58.4108, 68.3919,
32.7512

■ 53.5519, 66.2666,
15.3736


■ 60.6647, 69.3554,
41.8218


■ 52.4895, 65.7825,
12.4541


■ 63.2685, 70.4595,
52.7040


■ 51.6581, 65.3914,
10.7203

■ 66.2395, 71.7112,
65.4889


 51.0061, 65.0727,
9.9007


 69.5939, 73.1170,
80.2613

 50.9782, 65.0590,
9.8708

 73.3468, 74.6829,
97.1011

 75.4499, 75.5895,
105.2213

 76.0219, 75.8844,
105.2481

 76.6001, 76.1824,
105.2752

Harmonies

Analogous

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



68.8416, 67.5585, 24.0802



56.4865, 67.5585, 25.3922



47.4489, 67.5585, 36.7895

Triad

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



56.4865, 67.5585, 25.3922



49.5961, 67.5585, 140.1907



91.2624, 67.5585, 87.2862

Complementary

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



56.4865, 67.5585, 25.3922



26.8665, 20.9289, 71.7348

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.



84.5213, 67.5585, 129.1014



56.4865, 67.5585, 25.3922



59.7954, 67.5585, 165.6751

Square

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



56.4865, 67.5585, 25.3922



43.8477, 67.5585, 99.1354



72.6123, 67.5585, 161.0565



90.0700, 67.5585, 52.8109

Rectangle

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



56.4865, 67.5585, 25.3922



44.0043, 67.5585, 51.5487



72.6123, 67.5585, 161.0565



89.8175, 67.5585, 101.0843

Sweetspot

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



56.4881, 67.5616, 25.3936



88.3492, 97.1877, 79.5779



39.6877, 29.9743, 19.0240



18.7293, 20.7258, 16.2570



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.



56.4881, 67.5616, 25.3936



75.1395, 91.5290, 26.9502



43.4791, 60.8552, 24.7848



14.7553, 15.9695, 14.6115



30.3236, 38.6649, 5.8649



2.1350, 2.6971, 0.4081

Inverse Universe

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



26.8665, 20.9289, 71.7348



30.3741, 21.0044, 97.0611



36.5110, 25.9008, 72.1862



13.0555, 13.2966, 17.2661



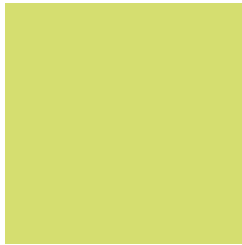
8.0190, 3.2292, 41.2490



0.5925, 0.2427, 2.8609

Previews

White Background



This preview shows how the XYZ color 56.4865, 67.5585, 25.3922 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 56.4865, 67.5585, 25.3922 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 56.4865, 67.5585, 25.3922

Background



This preview shows how black text looks on a background with the XYZ color 56.4865, 67.5585, 25.3922.



This preview shows how white text looks on a background with the XYZ color 56.4865, 67.5585,

25.3922.

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

56.4865, 67.5585, 25.3922

Protanopia

61.7319, 67.2018, 24.1856

Deuteranopia

67.8988, 67.2376, 33.4443



Tritanopia

67.8920, 67.2607, 81.3558

Trichromacy



Original Color

56.4865, 67.5585, 25.3922

Protanomaly

59.6222, 67.2455, 24.5891

Deuteranomaly

63.4411, 67.1972, 30.3955

Tritanomaly

62.6223, 66.9681, 55.5245

Monochromacy



Original Color

56.4865, 67.5585, 25.3922

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

57.2844, 63.6208, 48.2906

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.4865, 67.5585, 25.3922 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(213, 222, 112)` looks like.

```
.text, #text, p{  
    color:rgb(213, 222, 112)  
}
```

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(213, 222, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 222, 112) }
```

Border

The CSS property to change the border of an element to XYZ 56.4865, 67.5585, 25.3922 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(213, 222, 112) }
```


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

```
.border{ border-color:rgb(213, 222, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 222, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 222, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 222, 112);  
box-shadow:4px 4px 4px 4px rgb(213, 222,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 56.4865, 67.5585, 25.3922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 222, 112) }
```

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

```
.background{ background-color: rgb(213,  
222, 112) }
```

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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