

Converting Colors

XYZ(65.3232, 68.5554, 82.1357)

Have a look what the booklet for
XYZ(65.3232, 68.5554, 82.1357)
contains.

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Color

**XYZ(65.2850, 68.5067,
82.4553)**

Conversions

Conversions Part 1

Format	Color
Hex	D3D8E3
RGB	211, 216, 227
RGB Percent	83%, 85%, 89%
CMY	0.1725, 0.1529, 0.1098
CMYK	0.07, 0.05, 0.00, 0.11
HSL	221°, 22%, 86%
HSV	221°, 7%, 89%
XYZ	65.2850, 68.5067, 82.4553
YIQ	215.7590, -6.5110, 2.3610

Conversions

Conversions Part 2

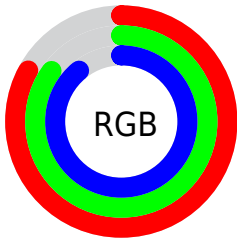
Format	Color
R _Y B	211, 215, 227
Decimal	13883619
CIE Lab	86.26, 0.39, -5.99
CIE LCh	86, 6.002, 273.692
Yxy	68.5067, 0.3019, 0.3168
Android (android.graphics.Color)	4292073699 (0xFFD3D8E3)
YUV	215.7590, 5.5418, -4.1736
Hunter-Lab	82.7688, -4.0510, -1.1273

Details

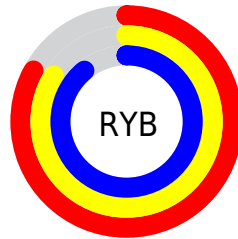
The XYZ color **65.2850, 68.5067, 82.4553** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.5580, 73.2761, 72.1068**, and the grayscale version is **65.0746, 68.4636, 74.5568**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.9016, 35.5362, 44.1021** is the 20% darker color. If you saturate the color by 10%, you get **55.4266, 57.7715, 80.9038**, and if you desaturate by 10%, it is **76.4453, 80.4802, 84.1793**.

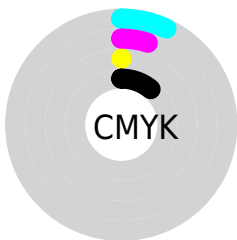
Distribution



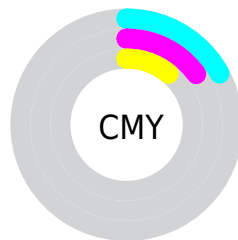
- Red (83%)
- Green (85%)
- Blue (89%)



- Red (83%)
- Yellow (84%)
- Blue (89%)



- Cyan (7%)
- Magenta (5%)
- Yellow (0%)
- Black (11%)



- Cyan (17%)
- Magenta (15%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.2850, 68.5067, 82.4553 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 65.2850, 68.5067, 82.4553 by changing the saturation by 10% instead.

■ 65.2850, 68.5067,
82.4553

■ 65.2850, 68.5067,
82.4553

433.3445,
455.2892, 523.0928

■ 47.9578, 50.3101,
61.2029

111.5229,
117.0767, 138.6547

■ 34.0046, 35.6598,
43.9573

141.1643,
148.2189, 174.4388

■ 23.0600, 24.1716,
30.3000

175.6412,
184.4451, 215.9039

■ 14.7588, 15.4610,
19.8124

215.3188,
226.1396, 263.4684

■ 8.7355, 9.1435,
12.0760

260.5626,
273.6868, 317.5511

■ 4.6248, 4.8349,
6.6723

311.7379,

■ 2.0613, 2.1507,

327.4713, 378.5703

3.1827

369.2101,
387.8773, 446.9447

■ 0.6680, 0.6929,
1.1887

■ 0.0000, 0.0000,
0.0000

■ 65.2850, 68.5067,
82.4553

■ 65.2850, 68.5067,
82.4553

■ 55.4266, 57.7715,
80.9038

■ 76.4453, 80.4802,
84.1793

■ 46.8153, 48.2251,
79.5151

■ 88.4299, 93.4552,
86.0520

■ 39.4011, 39.8273,
78.2849

■ 90.8653, 98.3261,
86.8639

■ 33.1284, 32.5324,
77.2075

■ 27.9366, 26.2911,
76.2764

■ 23.7595, 21.0502,
75.4850

■ 20.5228, 16.7512,
74.8258

■ 18.1409, 13.3281,
74.2906

■ 16.5055, 10.7019,
73.8699

Harmonies

Analogous

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



63.9418, 68.5067, 81.6314



65.2850, 68.5067, 82.4553



66.6003, 68.5067, 81.1116

Triad

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



65.2850, 68.5067, 82.4553



67.3519, 68.5067, 70.4456



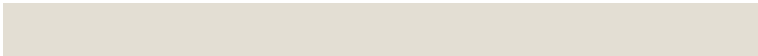
62.7581, 68.5067, 71.2667

Complementary

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



65.2850, 68.5067, 82.4553



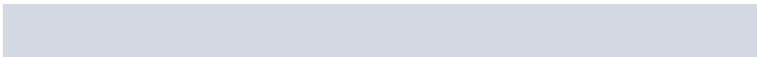
69.5580, 73.2761, 72.1068

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.



63.6491, 68.5067, 68.4318



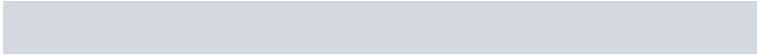
65.2850, 68.5067, 82.4553



66.2995, 68.5067, 67.9696

Square

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



65.2850, 68.5067, 82.4553



67.8042, 68.5067, 74.1027



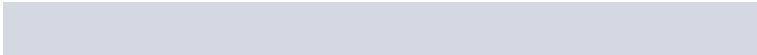
64.9424, 68.5067, 67.2455



62.4951, 68.5067, 75.0838

Rectangle

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



65.2850, 68.5067, 82.4553



67.2807, 68.5067, 79.1944



64.9424, 68.5067, 67.2455



62.9935, 68.5067, 70.1718

Sweetspot

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



65.2870, 68.5096, 82.4568



92.0905, 96.8294, 108.4440



67.5101, 74.0586, 79.7981



19.7422, 20.7588, 23.2163



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.



65.2870, 68.5096, 82.4568



83.6282, 87.7124, 107.1303



64.8727, 66.4220, 82.0757



13.9487, 14.6188, 18.2309



9.4915, 6.0452, 43.0497



0.7821, 0.6081, 3.2081

Inverse Universe

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



67.3691, 67.8787, 74.5203



86.7080, 86.7975, 95.3864



69.9892, 75.5004, 72.5135



14.5617, 14.4419, 15.8923



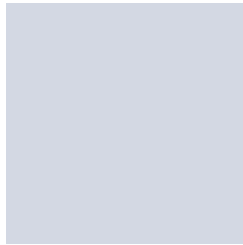
19.1844, 9.8080, 4.6000



1.4584, 0.7411, 0.5543

Previews

White Background



This preview shows how the XYZ color 65.2850, 68.5067, 82.4553 looks on a white background.

Color Contrast Check

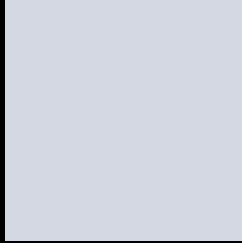
Large Text (above 18pt) WCAG AA × Fail

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 65.2850, 68.5067, 82.4553 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

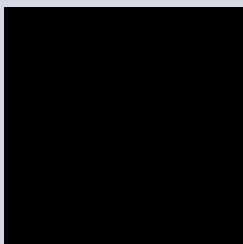
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

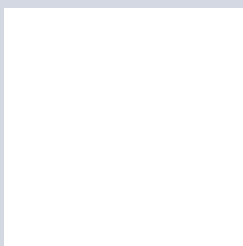
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.2850, 68.5067, 82.4553

Background



This preview shows how black text looks on a background with the XYZ color 65.2850, 68.5067, 82.4553.

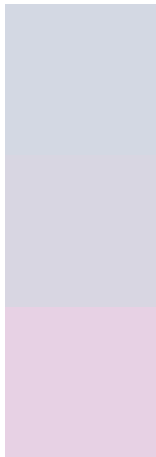


This preview shows how white text looks on a background with the XYZ color 65.2850, 68.5067,

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

65.2850, 68.5067, 82.4553

Protanopia

66.0929, 68.1831, 81.6287

Deuteranopia

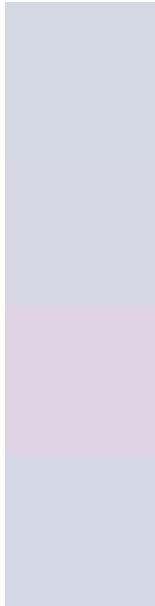
69.7591, 68.1913, 82.8843



Tritanopia

66.0173, 68.4241, 86.0716

Trichromacy



Original Color

65.2850, 68.5067, 82.4553

Protanomaly

65.7595, 68.3880, 81.6858

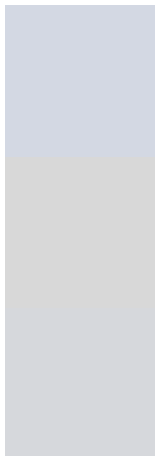
Deuteranomaly

68.2875, 68.5357, 83.0284

Tritanomaly

65.7347, 68.3111, 84.5837

Monochromacy



Original Color

65.2850, 68.5067, 82.4553

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

65.2057, 68.5752, 77.5098

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.2850, 68.5067, 82.4553 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, 216, 227) looks like.

```
.text, #text, p{  
    color:rgb(211, 216, 227)  
}
```

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, 216, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 216, 227) }
```

Border

The CSS property to change the border of an element to XYZ 65.2850, 68.5067, 82.4553 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, 216, 227) }
```


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

```
.border{ border-color:rgb(211, 216, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 216, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 216, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 216, 227);  
box-shadow:4px 4px 4px 4px rgb(211, 216,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 65.2850, 68.5067, 82.4553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 216, 227) }
```

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

```
.background{ background-color: rgb(211,  
216, 227) }
```

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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