

Converting Colors

XYZ(65.3890, 69.0690, 84.3806)

Have a look what the booklet for
XYZ(65.3890, 69.0690, 84.3806)
contains.

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Color

**XYZ(65.3903, 68.8942,
84.7144)**

Conversions

Conversions Part 1

Format	Color
Hex	D1D9E6
RGB	209, 217, 230
RGB Percent	82%, 85%, 90%
CMY	0.1804, 0.1490, 0.0980
CMYK	0.09, 0.06, 0.00, 0.10
HSL	217°, 30%, 86%
HSV	217°, 9%, 90%
XYZ	65.3903, 68.8942, 84.7144
YIQ	216.0900, -8.9410, 2.3470

Conversions

Conversions Part 2

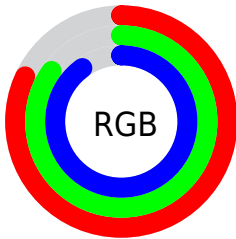
Format	Color
R _Y B	209, 215, 230
Decimal	13752806
CIE Lab	86.45, -0.21, -7.31
CIE LCh	86, 7.310, 268.386
Yxy	68.8942, 0.2986, 0.3146
Android (android.graphics.Color)	4291942886 (0xFFD1D9E6)
YUV	216.0900, 6.8576, -6.2179
Hunter-Lab	83.0025, -4.6302, -2.4110

Details

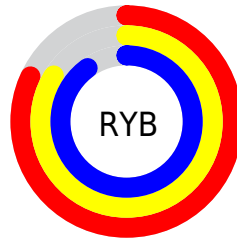
The XYZ color **65.3903, 68.8942, 84.7144** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.2634, 73.6686, 70.8391**, and the grayscale version is **65.2924, 68.6927, 74.8063**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.1758, 35.9044, 45.6864** is the 20% darker color. If you saturate the color by 10%, you get **55.8350, 58.7560, 83.2622**, and if you desaturate by 10%, it is **76.2056, 80.1555, 86.3191**.

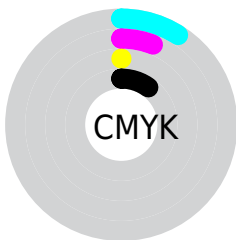
Distribution



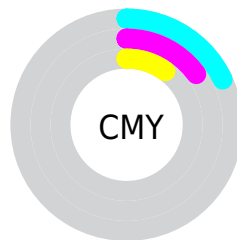
- Red (82%)
- Green (85%)
- Blue (90%)



- Red (82%)
- Yellow (84%)
- Blue (90%)



- Cyan (9%)
- Magenta (6%)
- Yellow (0%)
- Black (10%)



- Cyan (18%)
- Magenta (15%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.3903, 68.8942, 84.7144 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 65.3903, 68.8942, 84.7144 by changing the saturation by 10% instead.

■ 65.3903, 68.8942,
84.7144

■ 65.3903, 68.8942,
84.7144

433.7163,
456.6577, 530.8025

■ 48.0435, 50.6256,
63.0566

111.6734,
117.6304, 141.8447

■ 34.0727, 35.9107,
45.4457

141.3404,
148.8668, 178.1543

■ 23.1126, 24.3652,
31.4632

175.8449,
185.1946, 220.1849

■ 14.7979, 15.6048,
20.6904

215.5521,
226.9981, 268.3552

■ 8.7630, 9.2449,
12.7088

260.8275,
274.6618, 323.0835

■ 4.6428, 4.9013,
7.1000

312.0365,

■ 2.0718, 2.1895,

328.5700, 384.7884

3.4453

369.5443,
389.1072, 453.8886

■ 0.6738, 0.7142,
1.3263

■ 0.0000, 0.0000,
0.0832

■ 65.3903, 68.8942,
84.7144

■ 65.3903, 68.8942,
84.7144

■ 55.8350, 58.7560,
83.2622

■ 76.2056, 80.1555,
86.3191

■ 47.4856, 49.6956,
81.9535

■ 88.3193, 92.5655,
88.0760

■ 40.2928, 41.6773,
80.7849

■ 91.2831, 98.4933,
89.0640

■ 34.2017, 34.6597,
79.7514

■ 29.1522, 28.5988,
78.8476

■ 25.0784, 23.4462,
78.0678

■ 21.9056, 19.1487,
77.4055

■ 19.5469, 15.6457,
76.8537

■ 17.8716, 12.8530,
76.4029

Harmonies

Analogous

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



63.7919, 68.8942, 83.2283



65.3903, 68.8942, 84.7144



67.0401, 68.8942, 83.5098

Triad

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



65.3903, 68.8942, 84.7144



68.3848, 68.8942, 70.6729



62.7513, 68.8942, 70.2371

Complementary

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



65.3903, 68.8942, 84.7144



70.2634, 73.6686, 70.8391

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.



63.9480, 68.8942, 67.1150



65.3903, 68.8942, 84.7144



67.2014, 68.8942, 67.3589

Square

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



65.3903, 68.8942, 84.7144



68.7867, 68.8942, 75.2768



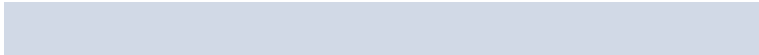
65.5735, 68.8942, 66.0840



62.2846, 68.8942, 74.7520

Rectangle

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



65.3903, 68.8942, 84.7144



67.9434, 68.8942, 81.3709



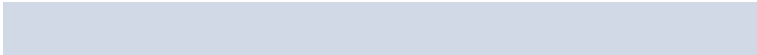
65.5735, 68.8942, 66.0840



63.0805, 68.8942, 68.9973

Sweetspot

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



65.3923, 68.8971, 84.7159



90.7995, 95.5941, 108.2736



67.7706, 75.4214, 80.0592



19.1970, 20.2138, 23.1398



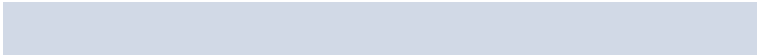
0.0000, 0.0000, 0.0000



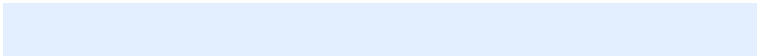
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



65.3923, 68.8971, 84.7159



80.1826, 84.4824, 106.6884



64.0777, 65.2309, 84.0776



14.0308, 14.7830, 18.2582



10.1549, 7.3720, 43.2709



0.8379, 0.7197, 3.2267

Inverse Universe

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



67.9596, 67.4351, 75.0834



84.0752, 82.3227, 92.0705



71.6589, 77.6187, 71.5280



14.6031, 14.4584, 16.1105



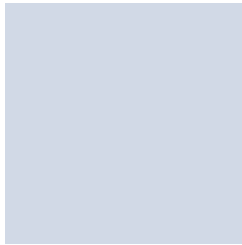
19.5192, 9.9419, 6.3633



1.4865, 0.7523, 0.7027

Previews

White Background



This preview shows how the XYZ color 65.3903, 68.8942, 84.7144 looks on a white background.

Color Contrast Check

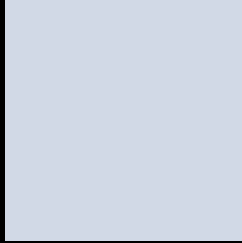
Large Text (above 18pt) WCAG AA × Fail

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 65.3903, 68.8942, 84.7144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

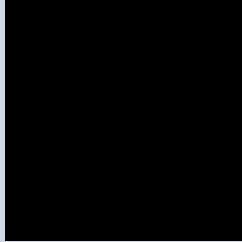
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

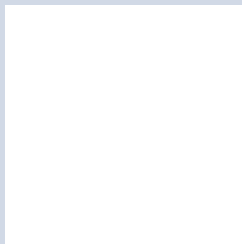
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.3903, 68.8942, 84.7144

Background



This preview shows how black text looks on a background with the XYZ color 65.3903, 68.8942, 84.7144.



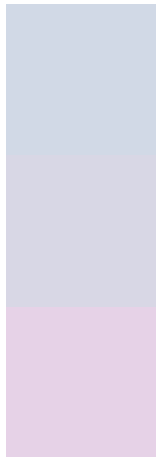
This preview shows how white text looks on a background with the XYZ color 65.3903, 68.8942,

84.7144.

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

65.3903, 68.8942, 84.7144

Protanopia

66.7622, 68.8570, 83.9007

Deuteranopia

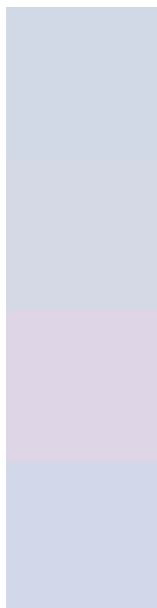
70.1035, 68.6857, 85.1641



Tritanopia

65.9855, 68.7539, 87.6349

Trichromacy



Original Color

65.3903, 68.8942, 84.7144

Protanomaly

66.1393, 68.9150, 83.9448

Deuteranomaly

68.3423, 68.8876, 85.2959

Tritanomaly

65.8422, 68.6966, 86.8803

Monochromacy



Original Color

65.3903, 68.8942, 84.7144

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

65.0476, 68.4783, 78.1959

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.3903, 68.8942, 84.7144 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(209, 217, 230) looks like.

```
.text, #text, p{  
    color:rgb(209, 217, 230)  
}
```

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(209, 217, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 217, 230) }
```

Border

The CSS property to change the border of an element to XYZ 65.3903, 68.8942, 84.7144 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(209, 217, 230) }
```


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

```
.border{ border-color:rgb(209, 217, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 217, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 217, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 217, 230);  
box-shadow:4px 4px 4px 4px rgb(209, 217,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 65.3903, 68.8942, 84.7144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 217, 230) }
```

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

```
.background{ background-color: rgb(209,  
217, 230) }
```

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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