

Converting Colors

XYZ(65.2477, 65.7435, 85.6323)

Have a look what the booklet for
XYZ(65.2477, 65.7435, 85.6323)
contains.

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Color

**XYZ(65.3903, 65.8742,
85.6125)**

Conversions

Conversions Part 1

Format	Color
Hex	D7D1E8
RGB	215, 209, 232
RGB Percent	84%, 82%, 91%
CMY	0.1569, 0.1804, 0.0902
CMYK	0.07, 0.10, 0.00, 0.09
HSL	256°, 33%, 86%
HSV	256°, 10%, 91%
XYZ	65.3903, 65.8742, 85.6125
YIQ	213.4160, -3.8070, 8.4250

Conversions

Conversions Part 2

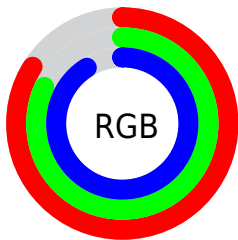
Format	Color
R _{YB}	215, 209, 232
Decimal	14143976
CIE Lab	84.93, 6.34, -10.57
CIE LCh	85, 12.332, 300.957
Yxy	65.8742, 0.3015, 0.3037
Android (android.graphics.Color)	4292334056 (0xFFD7D1E8)
YUV	213.4160, 9.1619, 1.3892
Hunter-Lab	81.1629, 1.7765, -5.7264

Details

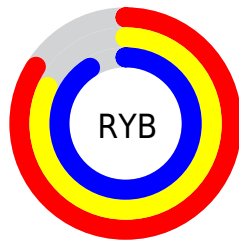
The XYZ color **65.3903, 65.8742, 85.6125** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.7317, 78.4872, 71.6937**, and the grayscale version is **63.4684, 66.7737, 72.7165**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.0550, 34.0509, 45.8519** is the 20% darker color. If you saturate the color by 10%, you get **55.3332, 52.8475, 83.6292**, and if you desaturate by 10%, it is **76.8081, 80.8363, 87.8997**.

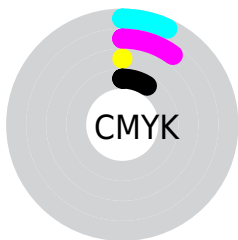
Distribution



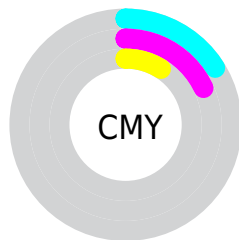
- Red (84%)
- Green (82%)
- Blue (91%)



- Red (84%)
- Yellow (82%)
- Blue (91%)



- Cyan (7%)
- Magenta (10%)
- Yellow (0%)
- Black (9%)



- Cyan (16%)
- Magenta (18%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.3903, 65.8742, 85.6125 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, 65.8742, 85.6125 by changing the saturation by 10% instead.

■ 65.3903, 65.8742,
85.6125

■ 65.3903, 65.8742,
85.6125

433.7163,
445.9268, 533.8500

■ 48.0435, 48.1703,
63.7945

111.6734,
113.3058, 143.1104

■ 34.0727, 33.9618,
46.0392

141.3404,
143.8022, 179.6274

■ 23.1126, 22.8642,
31.9278

175.8449,
179.3316, 221.8811

■ 14.7979, 14.4933,
21.0420

215.5521,
220.2783, 270.2901

■ 8.7630, 8.4645,
12.9632

260.8275,
267.0269, 325.2730

■ 4.6428, 4.3936,
7.2728

312.0365,

■ 2.0718, 1.8961,

319.9615, 387.2482

3.5522

369.5443,
379.4667, 456.6344

■ 0.6738, 0.5460,
1.3831

■ 0.0000, 0.0000,
0.1285

■ 65.3903, 65.8742,
85.6125

■ 65.3903, 65.8742,
85.6125

■ 55.3332, 52.8475,
83.6292

■ 76.8081, 80.8363,
87.8997

■ 46.5790, 41.6682,
81.9328

■ 89.5004, 97.5416,
90.4552

■ 39.0745, 32.2538,
80.5111

■ 91.5657, 98.6063,
90.5518

■ 32.7602, 24.5121,
79.3496

■ 27.5719, 18.3426,
78.4322

■ 23.4386, 13.6335,
77.7411

■ 20.2807, 10.2581,
77.2561

■ 18.0058, 8.0666,
76.9530

■ 16.4710, 6.8118,
76.7916

Harmonies

Analogous

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



62.7004, 65.8742, 88.0774



65.3903, 65.8742, 85.6125



67.3824, 65.8742, 79.3858

Triad

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



65.3903, 65.8742, 85.6125



65.2319, 65.8742, 59.2039



57.4375, 65.8742, 71.9808

Complementary

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



65.3903, 65.8742, 85.6125



71.7317, 78.4872, 71.6937

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.



58.0712, 65.8742, 64.5751



65.3903, 65.8742, 85.6125



62.5226, 65.8742, 57.5346

Square

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



65.3903, 65.8742, 85.6125



67.2891, 65.8742, 64.1647



59.9125, 65.8742, 59.4283



58.1558, 65.8742, 79.8587

Rectangle

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



65.3903, 65.8742, 85.6125



68.0180, 65.8742, 74.1492



59.9125, 65.8742, 59.4283



57.4993, 65.8742, 69.3558

Sweetspot

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



65.3922, 65.8770, 85.6140



90.6079, 94.1590, 108.0067



68.1266, 73.9123, 87.0208



19.1454, 19.8279, 23.0680



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.



65.3922, 65.8770, 85.6140



78.2154, 77.9660, 105.5343



68.8106, 67.6392, 85.7739



13.9335, 14.0679, 18.1253



9.2378, 3.8281, 42.6352



0.7680, 0.3269, 3.1546

Inverse Universe

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



69.8089, 68.2506, 81.4491



84.7949, 81.5032, 99.2746



68.3184, 76.7276, 71.5339



14.8262, 14.5477, 17.2851



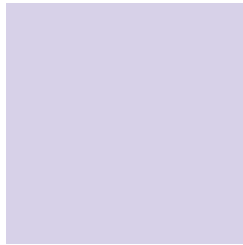
22.6366, 11.1888, 22.7789



1.7103, 0.8418, 1.8808

Previews

White Background



This preview shows how the XYZ color 65.3903, 65.8742, 85.6125 looks on a white background.

Color Contrast Check

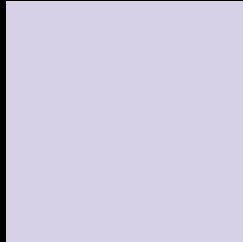
Large Text (above 18pt) WCAG AA × Fail

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, 65.8742, 85.6125 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

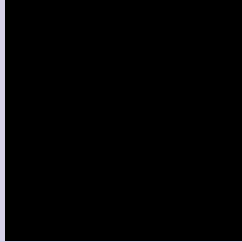
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.3903, 65.8742, 85.6125

Background



This preview shows how black text looks on a background with the XYZ color 65.3903, 65.8742, 85.6125.



This preview shows how white text looks on a background with the XYZ color 65.3903, 65.8742,

85.6125.

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, 65.8742, 85.6125

Protanopia

64.5806, 66.1734, 86.4598

Deuteranopia

67.2107, 65.7138, 86.2324



Tritanopia

64.5056, 65.8803, 81.2679

Trichromacy



Original Color

65.3903, 65.8742, 85.6125

Protanomaly

64.9060, 65.9734, 86.4040

Deuteranomaly

66.5360, 65.7245, 86.2701

Tritanomaly

64.7817, 65.9908, 82.7219

Monochromacy



Original Color

65.3903, 65.8742, 85.6125

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

64.1933, 66.5504, 77.1723

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.3903, 65.8742, 85.6125 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(215, 209, 232)` looks like.

```
.text, #text, p{  
    color:rgb(215, 209, 232)  
}
```

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(215, 209, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 209, 232) }
```

Border

The CSS property to change the border of an element to XYZ 65.3903, 65.8742, 85.6125 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(215, 209, 232) }
```


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

```
.border{ border-color:rgb(215, 209, 232) }
```

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

Here you see how a box with a 4 pixel rgb(215, 209, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 209, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 209, 232);  
box-shadow:4px 4px 4px 4px rgb(215, 209,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 65.3903, 65.8742, 85.6125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 209, 232) }
```

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

```
.background{ background-color: rgb(215,  
209, 232) }
```

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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