

Converting Colors

XYZ(35.8903, 35.3499, 66.1353)

Have a look what the booklet for
XYZ(35.8903, 35.3499, 66.1353)
contains.

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Color

**XYZ(35.8923, 35.3099,
65.8965)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 939ED2 |
| RGB | 147, 158, 210 |
| RGB Percent | 58%, 62%, 82% |
| CMY | 0.4235, 0.3804, 0.1765 |
| CMYK | 0.30, 0.25, 0.00, 0.18 |
| HSL | 230°, 41%, 70% |
| HSV | 230°, 30%, 82% |
| XYZ | 35.8923, 35.3099, 65.8965 |
| YIQ | 160.6390, -23.2480, 13.8400 |

Conversions

Conversions Part 2

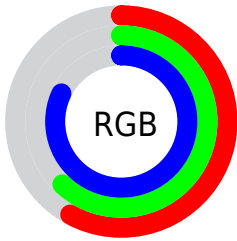
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 147, 156, 210 |
| Decimal | 9674450 |
| CIE _{Lab} | 65.99, 8.00, -27.81 |
| CIE _{LCh} | 66, 28.940, 286.048 |
| Yxy | 35.3099, 0.2618, 0.2576 |
| Android (android.graphics.Color) | 4287864530 (0xFF939ED2) |
| YUV | 160.6390, 24.3350, -11.9614 |
| Hunter-Lab | 59.4221, 3.8293, -24.1545 |

Details

The XYZ color **35.8923, 35.3099, 65.8965** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **52.2688, 56.6554, 35.7856**, and the grayscale version is **33.6083, 35.3586, 38.5055**.

A 20% lighter version of the original color is **66.2014, 67.3651, 104.1213**, and **15.7902, 15.2616, 33.1239** is the 20% darker color. If you saturate the color by 10%, you get **29.7138, 28.0416, 64.8198**, and if you desaturate by 10%, it is **43.1775, 43.7693, 67.1460**.

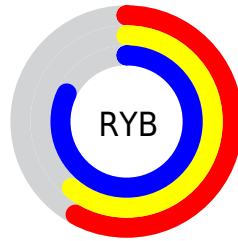
Distribution



Red (58%)

Green (62%)

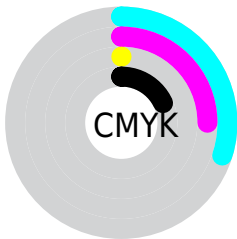
Blue (82%)



Red (58%)

Yellow (61%)

Blue (82%)

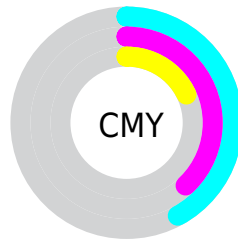


Cyan (30%)

Magenta (25%)

Yellow (0%)

Black (18%)



Cyan (42%)

Magenta (38%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.8923, 35.3099, 65.8965 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 35.8923, 35.3099, 65.8965 by changing the saturation by 10% instead.

■ 35.8923, 35.3099,
65.8965

■ 35.8923, 35.3099,
65.8965

319.9290,
325.9341, 464.4007

■ 24.5208, 23.9017,
47.7324

■ 68.1908, 67.9656,
114.9634

■ 15.8472, 15.2607,
33.2566

■ 89.8484, 89.9818,
146.7032

■ 9.5062, 9.0026,
22.0503

115.6654,
116.3029, 183.8055

■ 5.1326, 4.7429,
13.6952

146.0072,
147.3132, 226.6886

■ 2.3608, 2.0972,
7.7727

181.2391,
183.3970, 275.7711

■ 0.8255, 0.6630,
3.8642

221.7265,

■ 0.0000, 0.0000,

224.9389, 331.4716

1.5511

267.8346,
272.3231, 394.2087

■ 0.0000, 0.0000,
0.2556

■ 0.0000, 0.0000,
0.0000

■ 35.8923, 35.3099,
65.8965

■ 35.8923, 35.3099,
65.8965

■ 29.7138, 28.0416,
64.8198

■ 43.1775, 43.7693,
67.1460

■ 24.5838, 21.9063,
63.9060

■ 51.6169, 53.4663,
68.5729

■ 20.4438, 16.8470,
63.1476

■ 61.2594, 64.4497,
70.1847

■ 17.2281, 12.8001,
62.5360

■ 72.1499, 76.7646,
71.9877

■ 14.8627, 9.6950,
62.0613

■ 84.3313, 90.4538,
73.9879

■ 13.2616, 7.4514,
61.7126

■ 88.6330, 97.4332,
75.1084

■ 12.2844, 5.9560,
61.4755

■ 12.2843, 5.9559,
61.4755

Harmonies

Analogous

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



31.6121, 35.3099, 66.2173



35.8923, 35.3099, 65.8965



39.8535, 35.3099, 57.2738

Triad

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



35.8923, 35.3099, 65.8965



39.6148, 35.3099, 23.8294



26.1784, 35.3099, 33.0298

Complementary

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



35.8923, 35.3099, 65.8965



52.2688, 56.6554, 35.7856

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.



27.9683, 35.3099, 24.2764



35.8923, 35.3099, 65.8965



35.5884, 35.3099, 19.7818

Square

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



35.8923, 35.3099, 65.8965



42.1245, 35.3099, 32.2812



31.3329, 35.3099, 19.9258



26.2446, 35.3099, 45.3507

Rectangle

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



35.8923, 35.3099, 65.8965



41.6739, 35.3099, 48.8512



31.3329, 35.3099, 19.9258



26.5759, 35.3099, 29.6352

Sweetspot

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



35.8935, 35.3113, 65.8973



81.3569, 84.4082, 106.6122



45.3251, 56.3950, 62.1958



16.9714, 17.5609, 22.7451



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.



35.8935, 35.3113, 65.8973



49.3614, 47.3601, 101.1475



37.9933, 33.7317, 65.4818



11.3282, 11.7467, 14.9139



7.5448, 3.7362, 37.5160



0.4741, 0.3134, 2.1151

Inverse Universe

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



43.1846, 37.0388, 37.2223



62.5327, 50.7894, 49.2773



49.5615, 59.1541, 36.4106



11.8918, 11.8415, 12.7060



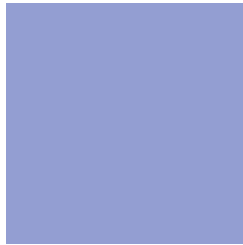
16.4390, 8.4484, 1.9520



0.9455, 0.4829, 0.2480

Previews

White Background



This preview shows how the XYZ color 35.8923, 35.3099, 65.8965 looks on a white background.

Color Contrast Check

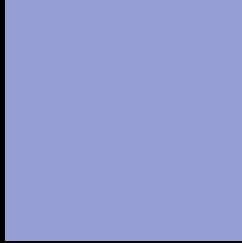
Large Text (above 18pt) WCAG AA × Fail

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 35.8923, 35.3099, 65.8965 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 35.8923, 35.3099, 65.8965

Background



This preview shows how black text looks on a background with the XYZ color 35.8923, 35.3099, 65.8965.



This preview shows how white text looks on a background with the XYZ color 35.8923, 35.3099,

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

35.8923, 35.3099, 65.8965

Protanopia

35.7138, 35.2179, 65.8882

Deuteranopia

36.2541, 35.4964, 65.9135



Tritanopia

32.0265, 35.3007, 46.7207

Trichromacy



Original Color

35.8923, 35.3099, 65.8965

Protanomaly

35.7138, 35.2179, 65.8882

Deuteranomaly

36.0725, 35.4028, 65.9050

Tritanomaly

33.4333, 35.3544, 53.2061

Monochromacy



Original Color

35.8923, 35.3099, 65.8965

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

34.4178, 35.4642, 47.6791

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.8923, 35.3099, 65.8965 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(147, 158, 210)` looks like.

```
.text, #text, p{  
    color:rgb(147, 158, 210)  
}
```

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(147, 158, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 158, 210) }
```

Border

The CSS property to change the border of an element to XYZ 35.8923, 35.3099, 65.8965 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(147, 158, 210) }
```


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

```
.border{ border-color:rgb(147, 158, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 158, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 158, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 158, 210);  
box-shadow:4px 4px 4px 4px rgb(147, 158,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 35.8923, 35.3099, 65.8965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 158, 210) }
```

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

```
.background{ background-color: rgb(147,  
158, 210) }
```

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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