

Converting Colors

XYZ(33.8963, 35.3821, 50.9418)

Have a look what the booklet for
XYZ(33.8963, 35.3821, 50.9418)
contains.

XYZ(33.8963, 35.3821, 50.9418)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(33.8963, 35.3821,
50.9418)**

Conversions

Conversions Part 1

Format	Color
Hex	95A1B9
RGB	149, 161, 185
RGB Percent	58%, 63%, 73%
CMY	0.4157, 0.3686, 0.2745
CMYK	0.19, 0.13, 0.00, 0.27
HSL	220°, 20%, 65%
HSV	220°, 19%, 73%
XYZ	33.8963, 35.3821, 50.9418
YIQ	160.1480, -14.8560, 4.9200

Conversions

Conversions Part 2

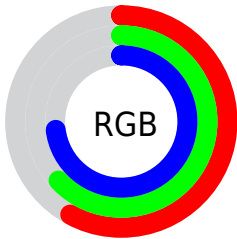
Format	Color
RYB	149, 158, 185
Decimal	9806265
CIELab	66.05, 0.93, -13.81
CIELCh	66, 13.837, 273.863
Yxy	35.3821, 0.2820, 0.2943
Android (android.graphics.Color)	4287996345 (0xFF95A1B9)
YUV	160.1480, 12.2520, -9.7768
Hunter-Lab	59.4829, -2.3768, -9.1386

Details

The XYZ color **33.8963, 35.3821, 50.9418** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.3764, 42.3715, 34.4852**, and the grayscale version is **33.4329, 35.1740, 38.3045**.

A 20% lighter version of the original color is **65.0617, 68.1591, 92.9460**, and **14.7778, 15.4145, 24.0262** is the 20% darker color. If you saturate the color by 10%, you get **28.7357, 29.6794, 50.1136**, and if you desaturate by 10%, it is **39.8079, 41.7893, 51.8675**.

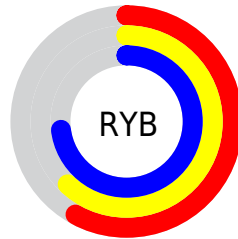
Distribution



Red (58%)

Green (63%)

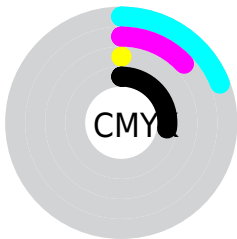
Blue (73%)



Red (58%)

Yellow (62%)

Blue (73%)

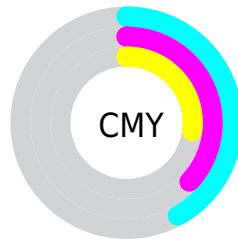


Cyan (19%)

Magenta (13%)

Yellow (0%)

Black (27%)



Cyan (42%)

Magenta (37%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.8963, 35.3821, 50.9418 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 33.8963, 35.3821, 50.9418 by changing the saturation by 10% instead.

■ 33.8963, 35.3821,
50.9418

■ 33.8963, 35.3821,
50.9418

311.2635,
326.2517, 407.1777

■ 22.9765, 23.9574,
35.7859

■ 65.1177, 68.0773,
92.9794

■ 14.6967, 15.3020,
23.9805

■ 86.1500, 90.1165,
120.6981

■ 8.6917, 9.0316,
15.1071

111.2839,
116.4627, 153.4415

■ 4.5962, 4.7618,
8.7471

140.8846,
147.5002, 191.6281

■ 2.0446, 2.1082,
4.4821

175.3176,
183.6135, 235.6765

■ 0.6588, 0.6692,
1.8933

214.9481,

■ 0.0000, 0.0000,

225.1869, 286.0052

0.4885

260.1416,
272.6048, 343.0328

■ 0.0000, 0.0000,
0.0000

■ 33.8963, 35.3821,
50.9418

■ 33.8963, 35.3821,
50.9418

■ 28.7357, 29.6794,
50.1136

■ 39.8079, 41.7893,
51.8675

■ 24.2913, 24.6515,
49.3774

■ 46.4965, 48.9206,
52.8915

■ 20.5306, 20.2730,
48.7305

■ 53.9912, 56.8000,
54.0173

■ 17.4170, 16.5151,
48.1692

■ 62.3184, 65.4494,
55.2479

■ 14.9103, 13.3465,
47.6897

■ 71.5032, 74.8894,
56.5860

■ 12.9653, 10.7326,
47.2877

■ 79.7051, 84.1789,
57.9467

■ 11.5296, 8.6346,
46.9584

■ 83.3593, 91.4873,
59.1648

■ 10.5109, 6.9919,
46.6951

■ 85.7571, 96.2828,
59.9640

■ 10.4621, 6.9128,
46.6824

Harmonies

Analogous

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



31.9204, 35.3821, 49.5921



33.8963, 35.3821, 50.9418



35.8776, 35.3821, 48.6962

Triad

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



33.8963, 35.3821, 50.9418



37.0153, 35.3821, 32.5626



30.2087, 35.3821, 33.7563

Complementary

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



33.8963, 35.3821, 50.9418



40.3764, 42.3715, 34.4852

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.



31.4776, 35.3821, 29.8791



33.8963, 35.3821, 50.9418



35.3988, 35.3821, 29.2407

Square

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



33.8963, 35.3821, 50.9418



37.7240, 35.3821, 37.7684



33.3644, 35.3821, 28.3102



29.8427, 35.3821, 39.2919

Rectangle

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



33.8963, 35.3821, 50.9418



36.9196, 35.3821, 45.5842



33.3644, 35.3821, 28.3102



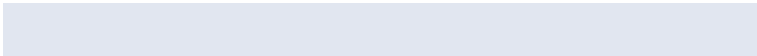
30.5412, 35.3821, 32.2352

Sweetspot

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



33.8974, 35.3835, 50.9426



75.1624, 78.9885, 93.4894



37.2290, 44.0821, 45.7787



16.0411, 16.8547, 20.1294



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



33.8974, 35.3835, 50.9426



56.9311, 59.2217, 90.6350



32.9080, 31.9080, 50.3239



8.7592, 9.1956, 11.3927



7.1843, 4.8283, 31.8064



0.3117, 0.2871, 1.1407

Inverse Universe

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



37.1890, 34.3834, 38.3964



63.8657, 57.3000, 64.1616



41.5038, 46.5238, 35.2273



9.1248, 9.0603, 10.0046



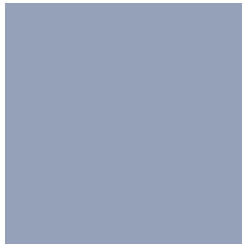
14.2400, 7.2698, 3.8846



0.5315, 0.2681, 0.2923

Previews

White Background



This preview shows how the XYZ color 33.8963, 35.3821, 50.9418 looks on a white background.

Color Contrast Check

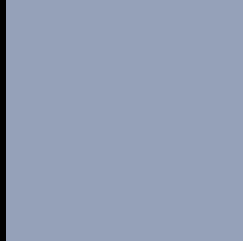
Large Text (above 18pt) WCAG AA × Fail

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 33.8963, 35.3821, 50.9418 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

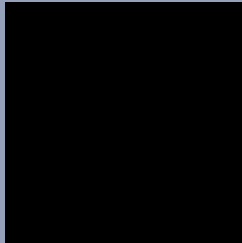
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 33.8963, 35.3821, 50.9418

Background



This preview shows how black text looks on a background with the XYZ color 33.8963, 35.3821, 50.9418.



This preview shows how white text looks on a background with the XYZ color 33.8963, 35.3821,

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

33.8963, 35.3821, 50.9418

Protanopia

34.7602, 35.3249, 50.3337

Deuteranopia

36.0612, 35.2146, 51.3508



Tritanopia

32.9663, 35.5320, 46.1952

Trichromacy



Original Color

33.8963, 35.3821, 50.9418

Protanomaly

34.3594, 35.3746, 50.3644

Deuteranomaly

35.3879, 35.3698, 51.4163

Tritanomaly

33.2698, 35.3912, 47.7255

Monochromacy



Original Color

33.8963, 35.3821, 50.9418

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

33.4425, 35.0741, 42.5435

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.8963, 35.3821, 50.9418 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(149, 161, 185)` looks like.

```
.text, #text, p{  
    color:rgb(149, 161, 185)  
}
```

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(149, 161, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 161, 185) }
```

Border

The CSS property to change the border of an element to XYZ 33.8963, 35.3821, 50.9418 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(149, 161, 185) }
```


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

```
.border{ border-color:rgb(149, 161, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 161, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 161, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 161, 185);  
box-shadow:4px 4px 4px 4px rgb(149, 161,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 33.8963, 35.3821, 50.9418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 161, 185) }
```

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

```
.background{ background-color: rgb(149,  
161, 185) }
```

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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