

Converting Colors

XYZ(33.8255, 35.4995, 50.9694)

Have a look what the booklet for
XYZ(33.8255, 35.4995, 50.9694)
contains.

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Color

**XYZ(33.8900, 35.6393,
50.9918)**

Conversions

Conversions Part 1

Format	Color
Hex	94A2B9
RGB	148, 162, 185
RGB Percent	58%, 64%, 73%
CMY	0.4196, 0.3647, 0.2745
CMYK	0.20, 0.12, 0.00, 0.27
HSL	217°, 21%, 65%
HSV	217°, 20%, 73%
XYZ	33.8900, 35.6393, 50.9918
YIQ	160.4360, -15.7270, 4.1850

Conversions

Conversions Part 2

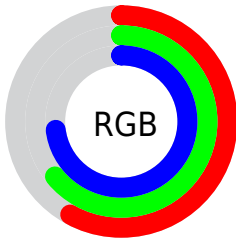
Format	Color
RYB	148, 158, 185
Decimal	9740985
CIELab	66.24, 0.06, -13.51
CIElCh	66, 13.515, 270.235
Yxy	35.6393, 0.2812, 0.2957
Android (android.graphics.Color)	4287931065 (0xFF94A2B9)
YUV	160.4360, 12.1101, -10.9064
Hunter-Lab	59.6987, -3.1410, -8.8537

Details

The XYZ color **33.8900, 35.6393, 50.9918** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.9161, 41.5783, 33.9394**, and the grayscale version is **33.5667, 35.3148, 38.4578**.

A 20% lighter version of the original color is **65.0472, 68.5331, 93.0190**, and **14.6706, 15.3592, 24.0212** is the 20% darker color. If you saturate the color by 10%, you get **28.8737, 30.1833, 50.2037**, and if you desaturate by 10%, it is **39.6285, 41.7444, 51.8683**.

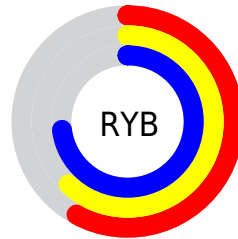
Distribution



Red (58%)

Green (64%)

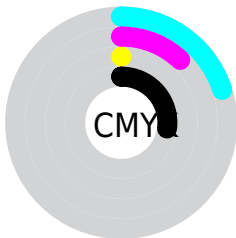
Blue (73%)



Red (58%)

Yellow (62%)

Blue (73%)

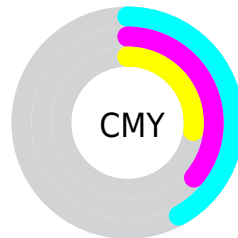


Cyan (20%)

Magenta (12%)

Yellow (0%)

Black (27%)



Cyan (42%)

Magenta (36%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.8900, 35.6393, 50.9918 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 33.8900, 35.6393, 50.9918 by changing the saturation by 10% instead.

■ 33.8900, 35.6393,
50.9918

■ 33.8900, 35.6393,
50.9918

311.2358,
327.3812, 407.3776

■ 22.9716, 24.1557,
35.8254

■ 65.1080, 68.4750,
93.0540

■ 14.6931, 15.4492,
24.0108

■ 86.1383, 90.5959,
120.7869

■ 8.6892, 9.1352,
15.1293

111.2700,
117.0314, 153.5458

■ 4.5945, 4.8295,
8.7626

140.8683,
148.1658, 191.7491

■ 2.0437, 2.1476,
4.4919

175.2987,
184.3836, 235.8153

■ 0.6583, 0.6912,
1.8989

214.9265,

■ 0.0000, 0.0000,

226.0692, 286.1632

0.4920

260.1171,
273.6070, 343.2111

■ 0.0000, 0.0000,
0.0000

■ 33.8900, 35.6393,
50.9918

■ 33.8900, 35.6393,
50.9918

■ 28.8737, 30.1833,
50.2037

■ 39.6285, 41.7444,
51.8683

■ 24.5462, 25.3491,
49.4987

■ 46.1145, 48.5160,
52.8335

■ 20.8758, 21.1138,
48.8746

■ 53.3758, 55.9762,
53.8908

■ 17.8274, 17.4510,
48.3283

■ 61.4379, 64.1446,
55.0425

■ 15.3618, 14.3324,
47.8563

■ 70.3251, 73.0401,
56.2911

■ 13.4351, 11.7263,
47.4548

■ 78.5725, 81.9138,
57.5692

■ 11.9964, 9.5971,
47.1197

■ 81.8975, 88.5637,
58.6776

■ 10.9479, 7.8844,
46.8443

■ 85.4379, 95.6444,
59.8577

■ 10.9478, 7.8843,
46.8443

■ 85.7571, 96.2828,
59.9641

Harmonies

Analogous

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



31.9869, 35.6393, 49.2558



33.8900, 35.6393, 50.9918



35.8627, 35.6393, 49.2024

Triad

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



33.8900, 35.6393, 50.9918



37.3328, 35.6393, 33.4818



30.6210, 35.6393, 33.5534

Complementary

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



33.8900, 35.6393, 50.9918



39.9161, 41.5783, 33.9394

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.



31.9604, 35.6393, 29.9866



33.8900, 35.6393, 50.9918



35.8341, 35.6393, 29.9483

Square

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



33.8900, 35.6393, 50.9918



37.8979, 35.6393, 38.7596



33.8582, 35.6393, 28.7335



30.1457, 35.6393, 38.8507

Rectangle

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



33.8900, 35.6393, 50.9918



36.9403, 35.6393, 46.3438



33.8582, 35.6393, 28.7335



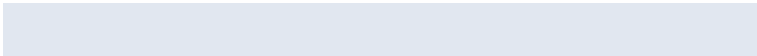
30.9824, 35.6393, 32.1318

Sweetspot

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



33.8911, 35.6408, 50.9926



75.3431, 79.3500, 93.5497



36.8956, 43.9278, 44.9715



16.0839, 16.9403, 20.1437



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.



33.8911, 35.6408, 50.9926



56.5948, 59.3977, 90.6866



32.3559, 31.3894, 50.2529



8.7922, 9.2616, 11.4037



7.5197, 5.4991, 31.9182



0.3255, 0.3147, 1.1453

Inverse Universe

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



37.1199, 34.1036, 38.8102



63.4887, 56.3560, 64.6219



41.6768, 46.6222, 34.8202



9.1414, 9.0669, 10.0922



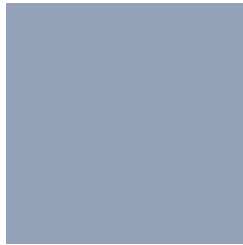
14.4093, 7.3375, 4.7760



0.5385, 0.2709, 0.3289

Previews

White Background



This preview shows how the XYZ color 33.8900, 35.6393, 50.9918 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 33.8900, 35.6393, 50.9918 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

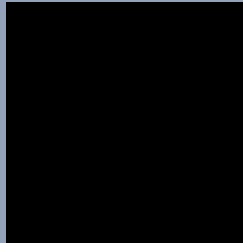
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 33.8900, 35.6393, 50.9918

Background



This preview shows how black text looks on a background with the XYZ color 33.8900, 35.6393, 50.9918.



This preview shows how white text looks on a background with the XYZ color 33.8900, 35.6393,

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

33.8900, 35.6393, 50.9918

Protanopia

35.0227, 35.7286, 49.8502

Deuteranopia

36.2297, 35.5516, 51.4070



Tritanopia

32.7877, 35.4400, 46.1868

Trichromacy



Original Color

33.8900, 35.6393, 50.9918

Protanomaly

34.7230, 35.8205, 50.4313

Deuteranomaly

35.3616, 35.6105, 51.4641

Tritanomaly

33.2665, 35.6521, 47.7760

Monochromacy



Original Color

33.8900, 35.6393, 50.9918

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

33.6166, 35.4222, 42.6015

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.8900, 35.6393, 50.9918 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(148, 162, 185)` looks like.

```
.text, #text, p{  
    color:rgb(148, 162, 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(148, 162, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 162, 185) }
```

Border

The CSS property to change the border of an element to XYZ 33.8900, 35.6393, 50.9918 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(148, 162, 185) }
```


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

```
.border{ border-color:rgb(148, 162, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 162, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 162, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 162, 185);  
box-shadow:4px 4px 4px 4px rgb(148, 162,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 33.8900, 35.6393, 50.9918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 162, 185) }
```

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

```
.background{ background-color: rgb(148,  
162, 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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