

Converting Colors

XYZ(35.1865, 39.0276, 51.5775)

Have a look what the booklet for
XYZ(35.1865, 39.0276, 51.5775)
contains.

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Color

**XYZ(35.1865, 39.0276,
51.5775)**

Conversions

Conversions Part 1

Format	Color
Hex	91ACB9
RGB	145, 172, 185
RGB Percent	57%, 67%, 73%
CMY	0.4314, 0.3255, 0.2745
CMYK	0.22, 0.07, 0.00, 0.27
HSL	199°, 22%, 65%
HSV	199°, 22%, 73%
XYZ	35.1865, 39.0276, 51.5775
YIQ	165.4090, -20.2650, -1.6810

Conversions

Conversions Part 2

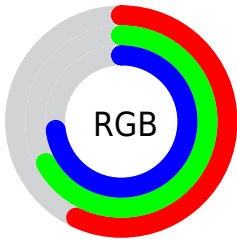
Format	Color
R_YB	145, 161, 185
Decimal	9546937
CIE Lab	68.77, -6.38, -9.75
CIE LCh	69, 11.649, 236.816
Yxy	39.0276, 0.2797, 0.3103
Android (android.graphics.Color)	4287737017 (0xFF91ACB9)
YUV	165.4090, 9.6584, -17.8987
Hunter-Lab	62.4721, -8.7886, -5.2199

Details

The XYZ color **35.1865, 39.0276, 51.5775** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.3455, 36.8123, 31.9259**, and the grayscale version is **35.9235, 37.7943, 41.1580**.

A 20% lighter version of the original color is **66.8995, 73.4312, 93.8667**, and **15.4974, 17.4786, 24.3867** is the 20% darker color. If you saturate the color by 10%, you get **31.0702, 35.2463, 51.0652**, and if you desaturate by 10%, it is **39.8877, 43.1893, 52.1336**.

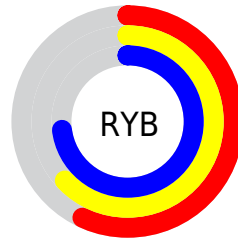
Distribution



Red (57%)

Green (67%)

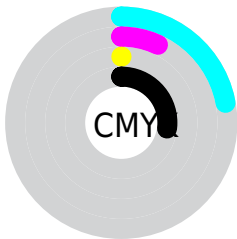
Blue (73%)



Red (57%)

Yellow (63%)

Blue (73%)

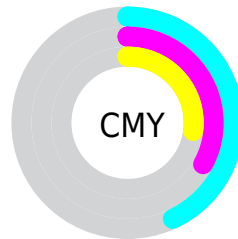


Cyan (22%)

Magenta (7%)

Yellow (0%)

Black (27%)



Cyan (43%)

Magenta (33%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.1865, 39.0276, 51.5775 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 35.1865, 39.0276, 51.5775 by changing the saturation by 10% instead.

■ 35.1865, 39.0276,
51.5775

■ 35.1865, 39.0276,
51.5775

316.8844,
342.0078, 409.7138

■ 23.9738, 26.7812,
36.2885

■ 67.1067, 73.6805,
93.9281

■ 15.4388, 17.4090,
24.3656

■ 88.5449, 96.8557,
121.8267

■ 9.2162, 10.5265,
15.3904

114.1222,
124.4428, 154.7657

■ 4.9407, 5.7494,
8.9442

144.2042,
156.8259, 193.1635

■ 2.2469, 2.6933,
4.6085

179.1560,
194.3896, 237.4386

■ 0.7673, 0.9738,
1.9647

219.3430,

■ 0.0000, 0.0000,

237.5182, 288.0097

0.5335

265.1307,
286.5962, 345.2952

■ 0.0000, 0.0000,
0.0000

■ 35.1865, 39.0276,
51.5775

■ 35.1865, 39.0276,
51.5775

■ 31.0702, 35.2463,
51.0652

■ 39.8877, 43.1893,
52.1336

■ 27.5091, 31.8260,
50.5927

■ 45.1950, 47.7402,
52.7323

■ 24.4757, 28.7527,
50.1594

■ 51.1325, 52.6948,
53.3757

■ 21.9390, 26.0091,
49.7635

■ 57.7222, 58.0654,
54.0650

■ 19.8642, 23.5764,
49.4033

■ 64.9849, 63.8636,
54.8014

■ 18.2118, 21.4330,
49.0767

■ 72.5706, 69.9099,
55.5687

■ 16.9348, 19.5536,
48.7812

■ 74.0649, 72.8984,
56.0667

■ 16.0764, 18.1414,
48.5539

■ 75.6153, 75.9992,
56.5836

■ 77.2225, 79.2136,
57.1193

Harmonies

Analogous

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



34.0176, 39.0276, 47.2447



35.1865, 39.0276, 51.5775



36.8979, 39.0276, 53.4677

Triad

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



35.1865, 39.0276, 51.5775



40.7507, 39.0276, 43.0613



35.5170, 39.0276, 34.0565

Complementary

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



35.1865, 39.0276, 51.5775



37.3455, 36.8123, 31.9259

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.



37.2920, 39.0276, 33.1357



35.1865, 39.0276, 51.5775



40.3517, 39.0276, 38.0737

Square

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



35.1865, 39.0276, 51.5775



40.1436, 39.0276, 48.3015



39.0704, 39.0276, 34.5457



34.2040, 39.0276, 37.1725

Rectangle

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



35.1865, 39.0276, 51.5775



38.1304, 39.0276, 52.9811



39.0704, 39.0276, 34.5457



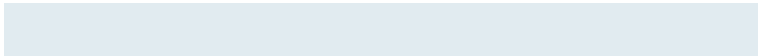
36.0777, 39.0276, 33.4917

Sweetspot

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



35.1877, 39.0292, 51.5784



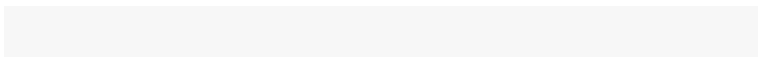
76.5502, 81.7641, 93.9520



35.1696, 43.1755, 38.6783



16.3704, 17.5134, 20.2392



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.



35.1877, 39.0292, 51.5784



59.3502, 66.5627, 91.9244



31.7171, 32.0881, 50.4215



9.0140, 9.7053, 11.4777



11.0148, 12.4893, 33.0832



0.4420, 0.5476, 1.1842

Inverse Universe

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



37.5803, 33.5445, 43.5256



64.4757, 55.2048, 74.5856



40.9732, 44.0676, 33.1351



9.2534, 9.1117, 10.6820



16.1735, 8.0431, 14.0661



0.5972, 0.2944, 0.6385

Previews

White Background



This preview shows how the XYZ color 35.1865, 39.0276, 51.5775 looks on a white background.

Color Contrast Check

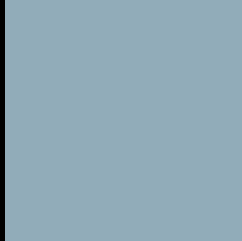
Large Text (above 18pt) WCAG AA × Fail

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 35.1865, 39.0276, 51.5775 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

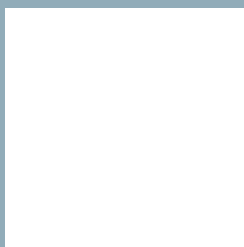
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.1865, 39.0276, 51.5775

Background



This preview shows how black text looks on a background with the XYZ color 35.1865, 39.0276, 51.5775.



This preview shows how white text looks on a background with the XYZ color 35.1865, 39.0276,

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

35.1865, 39.0276, 51.5775

Protanopia

37.7026, 38.7156, 49.2018

Deuteranopia

39.7460, 38.8962, 52.4266



Tritanopia

35.2925, 39.0700, 52.1355

Trichromacy



Original Color

35.1865, 39.0276, 51.5775

Protanomaly

36.5467, 38.6518, 49.7903

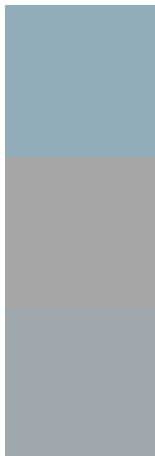
Deuteranomaly

37.8090, 38.7101, 51.9334

Tritanomaly

35.2925, 39.0700, 52.1355

Monochromacy



Original Color

35.1865, 39.0276, 51.5775

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

35.5496, 38.2529, 44.5396

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.1865, 39.0276, 51.5775 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(145, 172, 185)` looks like.

```
.text, #text, p{  
    color:rgb(145, 172, 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(145, 172, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 172, 185) }
```

Border

The CSS property to change the border of an element to XYZ 35.1865, 39.0276, 51.5775 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(145, 172, 185) }
```


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

```
.border{ border-color:rgb(145, 172, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 172, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 172, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 172, 185);  
box-shadow:4px 4px 4px 4px rgb(145, 172,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 35.1865, 39.0276, 51.5775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 172, 185) }
```

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

```
.background{ background-color: rgb(145,  
172, 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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