

Converting Colors

XYZ(35.7537, 38.4157, 52.0686)

Have a look what the booklet for
XYZ(35.7537, 38.4157, 52.0686)
contains.

XYZ(35.8134, 38.5004, 51.9981)	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(35.8134, 38.5004,
51.9981)**

Conversions

Conversions Part 1

Format	Color
Hex	97A9BA
RGB	151, 169, 186
RGB Percent	59%, 66%, 73%
CMY	0.4078, 0.3372, 0.2706
CMYK	0.19, 0.09, 0.00, 0.27
HSL	209°, 20%, 66%
HSV	209°, 19%, 73%
XYZ	35.8134, 38.5004, 51.9981
YIQ	165.5560, -16.1850, 1.4710

Conversions

Conversions Part 2

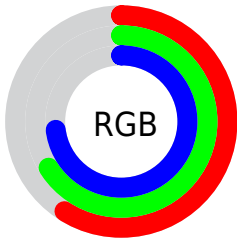
Format	Color
RYB	151, 163, 186
Decimal	9939386
CIELab	68.39, -2.60, -10.83
CIELCh	68, 11.141, 256.487
Yxy	38.5004, 0.2835, 0.3048
Android (android.graphics.Color)	4288129466 (0xFF97A9BA)
YUV	165.5560, 10.0789, -12.7656
Hunter-Lab	62.0487, -5.5582, -6.2522

Details

The XYZ color **35.8134, 38.5004, 51.9981** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.8386, 40.6788, 35.0311**, and the grayscale version is **35.9908, 37.8652, 41.2352**.

A 20% lighter version of the original color is **68.1363, 72.8439, 94.4735**, and **15.8505, 17.1254, 24.6604** is the 20% darker color. If you saturate the color by 10%, you get **31.0074, 33.6145, 51.3090**, and if you desaturate by 10%, it is **41.2825, 43.9024, 52.7532**.

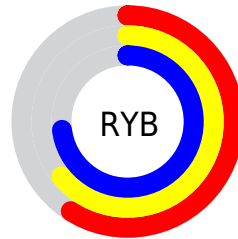
Distribution



Red (59%)

Green (66%)

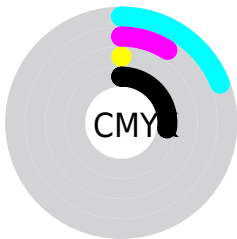
Blue (73%)



Red (59%)

Yellow (64%)

Blue (73%)

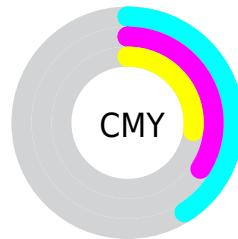


Cyan (19%)

Magenta (9%)

Yellow (0%)

Black (27%)



Cyan (41%)

Magenta (34%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.8134, 38.5004, 51.9981 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 35.8134, 38.5004, 51.9981 by changing the saturation by 10% instead.

■ 35.8134, 38.5004,
51.9981

■ 35.8134, 38.5004,
51.9981

319.5897,
339.7617, 411.3860

■ 24.4596, 26.3713,
36.6213

■ 68.0697, 72.8745,
94.5550

■ 15.8014, 17.1016,
24.6210

■ 89.7029, 95.8882,
122.5722

■ 9.4737, 10.3070,
15.5784

115.4932,
123.2990, 155.6399

■ 5.1110, 5.6030,
9.0752

145.8061,
155.4912, 194.1768

■ 2.3480, 2.6052,
4.6928

181.0068,
192.8491, 238.6013

■ 0.8190, 0.9293,
2.0126

221.4607,

■ 0.0000, 0.0000,

235.7573, 289.3320

0.5630

267.5332,
284.6000, 346.7874

■ 0.0000, 0.0000,
0.0000

■ 35.8134, 38.5004,
51.9981

■ 35.8134, 38.5004,
51.9981

■ 31.0074, 33.6145,
51.3090

■ 41.2825, 43.9024,
52.7532

■ 26.8332, 29.2223,
50.6812

■ 47.4372, 49.8327,
53.5734

■ 23.2620, 25.3063,
50.1135

■ 54.3033, 56.3087,
54.4615

■ 20.2614, 21.8461,
49.6038

■ 61.9041, 63.3456,
55.4192

■ 17.7953, 18.8193,
49.1495

■ 70.2618, 70.9580,
56.4480

■ 15.8234, 16.2012,
48.7481

■ 76.5451, 77.6893,
57.4161

■ 14.2985, 13.9633,
48.3965

■ 79.0263, 82.6517,
58.2432

■ 13.1410, 12.0603,
48.0902

■ 81.6383, 87.8757,
59.1139

■ 13.0157, 11.8505,
48.0564

■ 84.3829, 93.3650,
60.0288

Harmonies

Analogous

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



34.3268, 38.5004, 49.2992



35.8134, 38.5004, 51.9981



37.5561, 38.5004, 51.8489

Triad

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



35.8134, 38.5004, 51.9981



39.9133, 38.5004, 39.2464



34.2087, 38.5004, 35.6335

Complementary

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



35.8134, 38.5004, 51.9981



39.8386, 40.6788, 35.0311

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.



35.6475, 38.5004, 33.3479



35.8134, 38.5004, 51.9981



38.9578, 38.5004, 35.3173

Square

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



35.8134, 38.5004, 51.9981



39.9612, 38.5004, 44.2110



37.3848, 38.5004, 33.2369



33.4205, 38.5004, 39.7103

Rectangle

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



35.8134, 38.5004, 51.9981



38.6296, 38.5004, 50.1491



37.3848, 38.5004, 33.2369



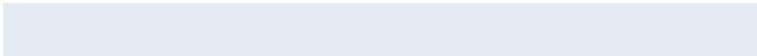
34.6302, 38.5004, 34.6449

Sweetspot

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



35.8146, 38.5020, 51.9990



77.7322, 82.3993, 96.0091



37.3823, 44.5219, 43.6292



16.9619, 17.9944, 21.1219



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



35.8146, 38.5020, 51.9990



60.7929, 65.6296, 93.6651



32.7870, 32.4469, 50.9898



8.8928, 9.4628, 11.4372



8.8318, 8.1233, 32.3555



0.3730, 0.4098, 1.1612

Inverse Universe

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



38.4787, 35.4378, 42.3500



66.6653, 59.1802, 72.3276



43.2725, 47.5466, 36.1758



9.1922, 9.0873, 10.3597



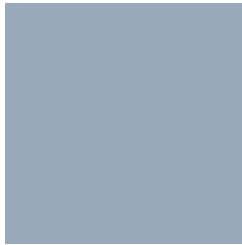
15.0716, 7.6024, 8.2636



0.5625, 0.2805, 0.4553

Previews

White Background



This preview shows how the XYZ color 35.8134, 38.5004, 51.9981 looks on a white background.

Color Contrast Check

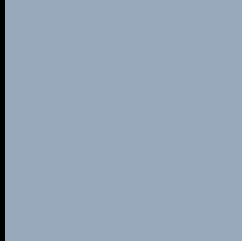
Large Text (above 18pt) WCAG AA × Fail

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 35.8134, 38.5004, 51.9981 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

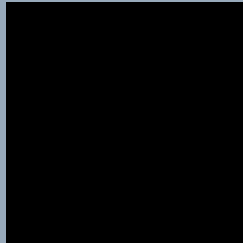
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

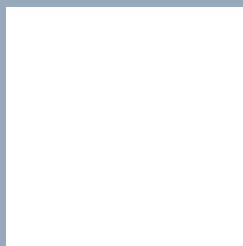
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.8134, 38.5004, 51.9981

Background



This preview shows how black text looks on a background with the XYZ color 35.8134, 38.5004, 51.9981.



This preview shows how white text looks on a background with the XYZ color 35.8134, 38.5004,

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

35.8134, 38.5004, 51.9981

Protanopia

37.4167, 38.2635, 50.7609

Deuteranopia

39.1236, 38.3128, 52.3468



Tritanopia

35.3129, 38.2789, 50.3271

Trichromacy



Original Color

35.8134, 38.5004, 51.9981

Protanomaly

36.6912, 38.1461, 51.3280

Deuteranomaly

37.9418, 38.4975, 52.4447

Tritanomaly

35.4174, 38.3207, 50.8773

Monochromacy



Original Color

35.8134, 38.5004, 51.9981

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

36.0595, 38.2316, 45.0141

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.8134, 38.5004, 51.9981 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(151, 169, 186)` looks like.

```
.text, #text, p{  
    color:rgb(151, 169, 186)  
}
```

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(151, 169, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 169, 186) }
```

Border

The CSS property to change the border of an element to XYZ 35.8134, 38.5004, 51.9981 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(151, 169, 186) }
```


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

```
.border{ border-color:rgb(151, 169, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 169, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 169, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 169, 186);  
box-shadow:4px 4px 4px 4px rgb(151, 169,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 35.8134, 38.5004, 51.9981 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 169, 186) }
```

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

```
.background{ background-color: rgb(151,  
169, 186) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor