

Converting Colors

XYZ(35.7277, 37.8477, 51.9603)

Have a look what the booklet for
XYZ(35.7277, 37.8477, 51.9603)
contains.

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Color

**XYZ(35.8185, 37.9549,
51.8926)**

Conversions

Conversions Part 1

Format	Color
Hex	99A7BA
RGB	153, 167, 186
RGB Percent	60%, 65%, 73%
CMY	0.4000, 0.3451, 0.2706
CMYK	0.18, 0.10, 0.00, 0.27
HSL	215°, 19%, 66%
HSV	215°, 18%, 73%
XYZ	35.8185, 37.9549, 51.8926
YIQ	164.9800, -14.4430, 2.9410

Conversions

Conversions Part 2

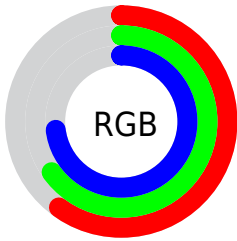
Format	Color
R _Y B	153, 163, 186
Decimal	10069946
CIE Lab	67.99, -0.86, -11.42
CIE LCh	68, 11.450, 265.692
Yxy	37.9549, 0.2850, 0.3020
Android (android.graphics.Color)	4288260026 (0xFF99A7BA)
YUV	164.9800, 10.3629, -10.5065
Hunter-Lab	61.6075, -4.0337, -6.8152

Details

The XYZ color **35.8185, 37.9549, 51.8926** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.7523, 42.2440, 36.1438**, and the grayscale version is **35.7123, 37.5722, 40.9161**.

A 20% lighter version of the original color is **68.1607, 72.0633, 94.3215**, and **15.8439, 16.7797, 24.5940** is the 20% darker color. If you saturate the color by 10%, you get **30.6969, 32.5229, 51.1147**, and if you desaturate by 10%, it is **41.6521, 43.9970, 52.7520**.

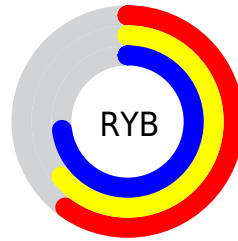
Distribution



Red (60%)

Green (65%)

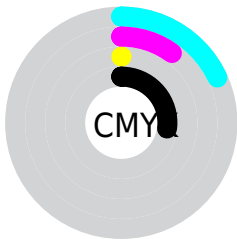
Blue (73%)



Red (60%)

Yellow (64%)

Blue (73%)

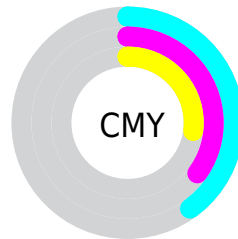


Cyan (18%)

Magenta (10%)

Yellow (0%)

Black (27%)



Cyan (40%)

Magenta (35%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.8185, 37.9549, 51.8926 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 35.8185, 37.9549, 51.8926 by changing the saturation by 10% instead.

■ 35.8185, 37.9549,
51.8926

■ 35.8185, 37.9549,
51.8926

319.6116,
337.4265, 410.9670

■ 24.4635, 25.9477,
36.5378

■ 68.0775, 72.0390,
94.3978

■ 15.8044, 16.7845,
24.5569

■ 89.7123, 94.8847,
122.3853

■ 9.4758, 10.0810,
15.5312

115.5044,
122.1120, 155.4208

■ 5.1124, 5.4527,
9.0423

145.8191,
154.1053, 193.9228

■ 2.3488, 2.5152,
4.6716

181.0218,
191.2490, 238.3099

■ 0.8195, 0.8843,
2.0005

221.4779,

■ 0.0000, 0.0000,

233.9275, 289.0006

0.5556

267.5527,
282.5252, 346.4134

■ 0.0000, 0.0000,
0.0000

■ 35.8185, 37.9549,
51.8926

■ 35.8185, 37.9549,
51.8926

■ 30.6969, 32.5229,
51.1147

■ 41.6521, 43.9970,
52.7520

■ 26.2546, 27.6755,
50.4132

■ 48.2217, 50.6644,
53.6927

■ 22.4615, 23.3921,
49.7863

■ 55.5544, 57.9773,
54.7177

■ 19.2836, 19.6488,
49.2313

■ 63.6747, 65.9536,
55.8293

■ 16.6836, 16.4199,
48.7451

■ 72.6060, 74.6107,
57.0296

■ 14.6196, 13.6769,
48.3244

■ 78.7494, 82.0979,
58.1510

■ 13.0431, 11.3876,
47.9656

■ 81.8431, 88.2854,
59.1822

■ 11.8834, 9.5078,
47.6639

■ 85.1234, 94.8460,
60.2756

■ 11.6534, 9.1258,
47.6023

■ 85.8630, 96.3252,
60.5222

Harmonies

Analogous

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



34.1799, 37.9549, 49.9642



35.8185, 37.9549, 51.8926



37.5794, 37.9549, 50.8045

Triad

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



35.8185, 37.9549, 51.8926



39.2482, 37.9549, 37.2205



33.3208, 37.9549, 36.0437

Complementary

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



35.8185, 37.9549, 51.8926



40.7523, 42.2440, 36.1438

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.



34.6113, 37.9549, 33.1072



35.8185, 37.9549, 51.8926



38.0389, 37.9549, 33.7464

Square

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



35.8185, 37.9549, 51.8926



39.5970, 37.9549, 42.0671



36.3327, 37.9549, 32.3017



32.7683, 37.9549, 40.5945

Rectangle

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



35.8185, 37.9549, 51.8926



38.5803, 37.9549, 48.5590



36.3327, 37.9549, 32.3017



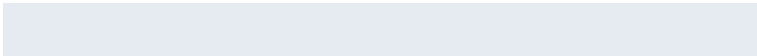
33.6806, 37.9549, 34.8502

Sweetspot

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



35.8196, 37.9565, 51.8935



78.5295, 82.8469, 96.0535



38.1141, 44.8579, 45.5292



17.1140, 18.0612, 21.1267



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.



35.8196, 37.9565, 51.8935



61.4305, 65.1211, 93.5333



33.8109, 33.3168, 51.1038



8.8259, 9.3291, 11.4150



7.9110, 6.2816, 32.0486



0.3405, 0.3446, 1.1503

Inverse Universe

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



38.6169, 36.0125, 41.4767



67.4226, 61.1502, 71.1758



43.0286, 47.5841, 37.0546



9.1585, 9.0738, 10.1820



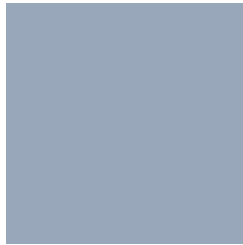
14.6068, 7.4165, 5.8160



0.5460, 0.2739, 0.3688

Previews

White Background



This preview shows how the XYZ color 35.8185, 37.9549, 51.8926 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 35.8185, 37.9549, 51.8926 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

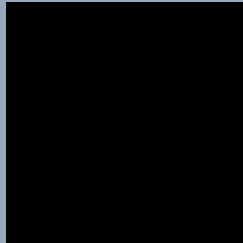
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.8185, 37.9549, 51.8926

Background



This preview shows how black text looks on a background with the XYZ color 35.8185, 37.9549, 51.8926.



This preview shows how white text looks on a background with the XYZ color 35.8185, 37.9549,

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

35.8185, 37.9549, 51.8926

Protanopia

37.0314, 37.7981, 50.6914

Deuteranopia

38.5091, 37.7355, 52.2677



Tritanopia

35.2920, 38.0169, 49.1940

Trichromacy



Original Color

35.8185, 37.9549, 51.8926

Protanomaly

36.5102, 37.7840, 51.2677

Deuteranomaly

37.3767, 37.6748, 52.3157

Tritanomaly

35.4988, 38.0996, 50.2827

Monochromacy



Original Color

35.8185, 37.9549, 51.8926

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

35.8770, 37.8666, 44.9532

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.8185, 37.9549, 51.8926 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(153, 167, 186) looks like.

```
.text, #text, p{  
    color:rgb(153, 167, 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(153, 167, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 167, 186) }
```

Border

The CSS property to change the border of an element to XYZ 35.8185, 37.9549, 51.8926 is called "border". The border property can be set on classes, ids or directly on the HTML element.

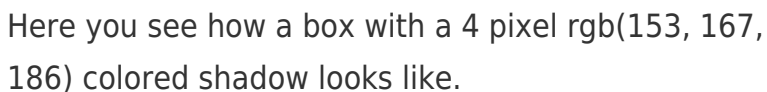
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(153, 167, 186) }
```


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

```
.border{ border-color:rgb(153, 167, 186) }
```

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



Here you see how a box with a 4 pixel `rgb(153, 167, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(153, 167, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(153, 167, 186); box-shadow:4px 4px 4px 4px rgb(153, 167, 186) }
```

Background

The CSS property to change the background color of an element to XYZ 35.8185, 37.9549, 51.8926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 167, 186) }
```

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

```
.background{ background-color: rgb(153,  
167, 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](#).

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