

Converting Colors

XYZ(36.0818, 38.6510, 51.4576)

Have a look what the booklet for
XYZ(36.0818, 38.6510, 51.4576)
contains.

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Color

**XYZ(36.0818, 38.6510,
51.4576)**

Conversions

Conversions Part 1

Format	Color
Hex	99A9B9
RGB	153, 169, 185
RGB Percent	60%, 66%, 73%
CMY	0.4000, 0.3372, 0.2745
CMYK	0.17, 0.09, 0.00, 0.27
HSL	210°, 19%, 66%
HSV	210°, 17%, 73%
XYZ	36.0818, 38.6510, 51.4576
YIQ	166.0400, -14.6720, 1.5840

Conversions

Conversions Part 2

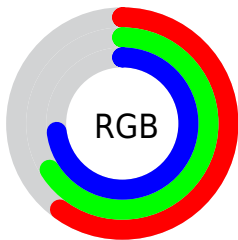
Format	Color
RYB	153, 164, 185
Decimal	10070457
CIELab	68.50, -2.18, -10.10
CIELCh	68, 10.332, 257.836
Yxy	38.6510, 0.2859, 0.3063
Android (android.graphics.Color)	4288260537 (0xFF99A9B9)
YUV	166.0400, 9.3473, -11.4361
Hunter-Lab	62.1699, -5.2006, -5.5550

Details

The XYZ color **36.0818, 38.6510, 51.4576** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.9457, 40.9902, 35.9444**, and the grayscale version is **36.2271, 38.1137, 41.5058**.

A 20% lighter version of the original color is **68.5453, 73.0721, 93.7107**, and **16.0056, 17.2133, 24.3087** is the 20% darker color. If you saturate the color by 10%, you get **31.1971, 33.6691, 50.7541**, and if you desaturate by 10%, it is **41.6319, 44.1586, 52.2288**.

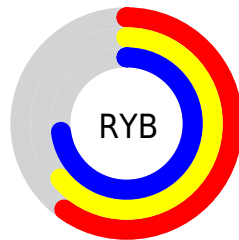
Distribution



Red (60%)

Green (66%)

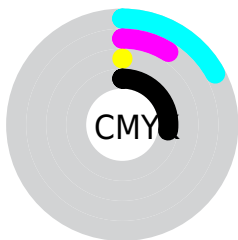
Blue (73%)



Red (60%)

Yellow (64%)

Blue (73%)

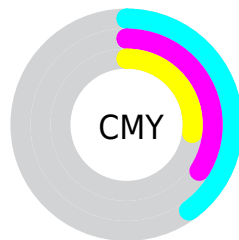


Cyan (17%)

Magenta (9%)

Yellow (0%)

Black (27%)



Cyan (40%)

Magenta (34%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.0818, 38.6510, 51.4576 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 36.0818, 38.6510, 51.4576 by changing the saturation by 10% instead.

■ 36.0818, 38.6510,
51.4576

■ 36.0818, 38.6510,
51.4576

320.7429,
340.4044, 409.2363

■ 24.6678, 26.4883,
36.1937

■ 68.4813, 73.1049,
93.7492

■ 15.9571, 17.1893,
24.2929

■ 90.1976, 96.1648,
121.6140

■ 9.5845, 10.3696,
15.3368

116.0786,
123.6261, 154.5162

■ 5.1845, 5.6447,
8.9069

146.4898,
155.8729, 192.8742

■ 2.3918, 2.6302,
4.5845

181.7964,
193.2898, 237.1067

■ 0.8410, 0.9419,
1.9512

222.3639,

■ 0.0000, 0.0000,

236.2610, 287.6322

0.5250

268.5577,
285.1711, 344.8692

■ 0.0000, 0.0000,
0.0000

■ 36.0818, 38.6510,
51.4576

■ 36.0818, 38.6510,
51.4576

■ 31.1971, 33.6691,
50.7541

■ 41.6319, 44.1586,
52.2288

■ 26.9470, 29.1904,
50.1136

■ 47.8697, 50.2040,
53.0669

■ 23.3033, 25.1975,
49.5349

■ 54.8206, 56.8048,
53.9746

■ 20.2340, 21.6699,
49.0158

■ 62.5075, 63.9763,
54.9537

■ 17.7041, 18.5854,
48.5538

■ 70.9525, 71.7331,
56.0058

■ 15.6742, 15.9195,
48.1462

■ 76.7865, 78.3416,
56.9739

■ 14.0987, 13.6443,
47.7901

■ 79.3476, 83.4638,
57.8276

■ 12.9130, 11.7218,
47.4815

■ 82.0461, 88.8609,
58.7271

■ 12.6287, 11.2462,
47.4047

■ 84.8840, 94.5367,
59.6731

Harmonies

Analogous

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



34.6778, 38.6510, 49.0759



36.0818, 38.6510, 51.4576



37.7025, 38.6510, 51.1958

Triad

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



36.0818, 38.6510, 51.4576



39.7937, 38.6510, 39.4011



34.4677, 38.6510, 36.3559

Complementary

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



36.0818, 38.6510, 51.4576



39.9457, 40.9902, 35.9444

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.



35.7874, 38.6510, 34.1237



36.0818, 38.6510, 51.4576



38.8754, 38.6510, 35.7906

Square

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



36.0818, 38.6510, 51.4576



39.8782, 38.6510, 43.9993



37.3993, 38.6510, 33.9247



33.7645, 38.6510, 40.2258

Rectangle

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



36.0818, 38.6510, 51.4576



38.6879, 38.6510, 49.5590



37.3993, 38.6510, 33.9247



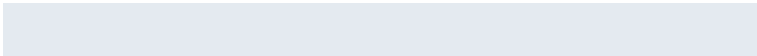
34.8521, 38.6510, 35.4018

Sweetspot

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



36.0830, 38.6526, 51.4585



76.9280, 81.4005, 93.8619



37.5980, 44.3155, 43.8470



16.4221, 17.3902, 20.2127



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.



36.0830, 38.6526, 51.4585



60.9422, 65.5030, 91.6360



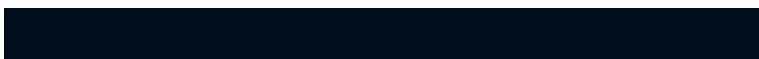
33.3734, 33.2334, 50.5553



8.8821, 9.4415, 11.4337



8.6718, 7.8033, 32.3022



0.3676, 0.3989, 1.1594

Inverse Universe

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



38.5612, 35.9623, 42.4469



66.3152, 59.9068, 72.0449



42.9956, 47.0900, 36.9610



9.1869, 9.0851, 10.3314



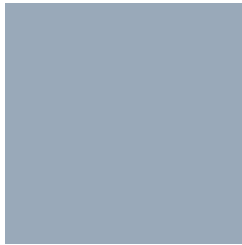
14.9908, 7.5701, 7.8384



0.5597, 0.2794, 0.4408

Previews

White Background



This preview shows how the XYZ color 36.0818, 38.6510, 51.4576 looks on a white background.

Color Contrast Check

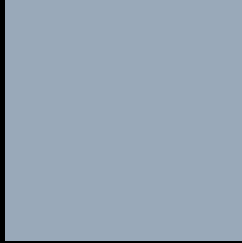
Large Text (above 18pt) WCAG AA × Fail

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 36.0818, 38.6510, 51.4576 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

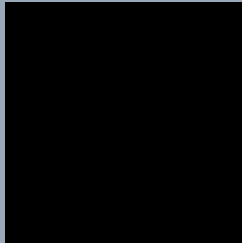
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

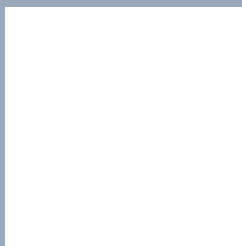
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.0818, 38.6510, 51.4576

Background



This preview shows how black text looks on a background with the XYZ color 36.0818, 38.6510, 51.4576.



This preview shows how white text looks on a background with the XYZ color 36.0818, 38.6510,

51.4576.

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

36.0818, 38.6510, 51.4576

Protanopia

37.7005, 38.6907, 50.2808

Deuteranopia

39.2388, 38.3845, 51.7952



Tritanopia

35.8721, 38.5671, 50.3533

Trichromacy



Original Color

36.0818, 38.6510, 51.4576

Protanomaly

37.1684, 38.6752, 50.8535

Deuteranomaly

38.0439, 38.5624, 51.8925

Tritanomaly

35.9766, 38.6089, 50.9035

Monochromacy



Original Color

36.0818, 38.6510, 51.4576

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 36.0818, 38.6510, 51.4576 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, 169, 185)` looks like.

```
.text, #text, p{  
    color:rgb(153, 169, 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(153, 169, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 169, 185) }
```

Border

The CSS property to change the border of an element to XYZ 36.0818, 38.6510, 51.4576 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, 169, 185) }
```


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

```
.border{ border-color:rgb(153, 169, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 169, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 169, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 169, 185);  
box-shadow:4px 4px 4px 4px rgb(153, 169,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 36.0818, 38.6510, 51.4576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 169, 185) }
```

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

```
.background{ background-color: rgb(153,  
169, 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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