

Converting Colors

XYZ(35.4327, 37.8940, 52.1017)

Have a look what the booklet for
XYZ(35.4327, 37.8940, 52.1017)
contains.

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Color

**XYZ(35.4432, 38.0345,
51.9277)**

Conversions

Conversions Part 1

Format	Color
Hex	96A8BA
RGB	150, 168, 186
RGB Percent	59%, 66%, 73%
CMY	0.4118, 0.3412, 0.2706
CMYK	0.19, 0.10, 0.00, 0.27
HSL	210°, 21%, 66%
HSV	210°, 19%, 73%
XYZ	35.4432, 38.0345, 51.9277
YIQ	164.6700, -16.5060, 1.7820

Conversions

Conversions Part 2

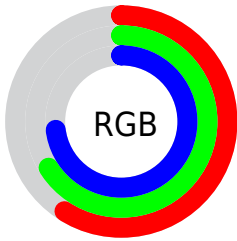
Format	Color
R _Y B	150, 162, 186
Decimal	9873594
CIE Lab	68.05, -2.38, -11.35
CIE LCh	68, 11.598, 258.165
Yxy	38.0345, 0.2826, 0.3033
Android (android.graphics.Color)	4288063674 (0xFF96A8BA)
YUV	164.6700, 10.5157, -12.8656
Hunter-Lab	61.6721, -5.3416, -6.7515

Details

The XYZ color **35.4432, 38.0345, 51.9277** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.7575, 40.6462, 34.6049**, and the grayscale version is **35.5640, 37.4161, 40.7462**.

A 20% lighter version of the original color is **67.5915, 72.1653, 94.3712**, and **15.6246, 16.8369, 24.6166** is the 20% darker color. If you saturate the color by 10%, you get **30.6329, 33.0976, 51.2289**, and if you desaturate by 10%, it is **40.9219, 43.5002, 52.6945**.

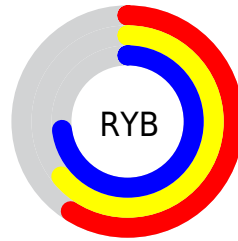
Distribution



Red (59%)

Green (66%)

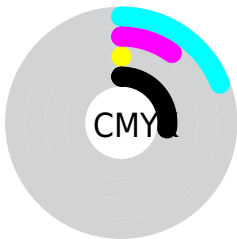
Blue (73%)



Red (59%)

Yellow (64%)

Blue (73%)

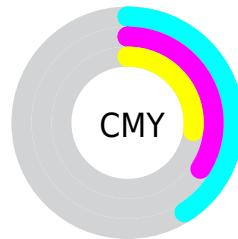


Cyan (19%)

Magenta (10%)

Yellow (0%)

Black (27%)



Cyan (41%)

Magenta (34%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.4432, 38.0345, 51.9277 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 35.4432, 38.0345, 51.9277 by changing the saturation by 10% instead.

■ 35.4432, 38.0345,
51.9277

■ 35.4432, 38.0345,
51.9277

317.9941,
337.7679, 411.1064

■ 24.1726, 26.0095,
36.5656

■ 67.5013, 72.1610,
94.4501

■ 15.5871, 16.8307,
24.5782

■ 89.0195, 95.0313,
122.4475

■ 9.3215, 10.1139,
15.5469

114.6843,
122.2854, 155.4937

■ 5.0102, 5.4745,
9.0533

144.8610,
154.3078, 194.0073

■ 2.2881, 2.5283,
4.6786

179.9149,
191.4829, 238.4069

■ 0.7886, 0.8908,
2.0046

220.2116,

■ 0.0000, 0.0000,

234.1950, 289.1109

0.5581

266.1162,
282.8285, 346.5379

■ 0.0000, 0.0000,
0.0000

■ 35.4432, 38.0345,
51.9277

■ 35.4432, 38.0345,
51.9277

■ 30.6329, 33.0976,
51.2289

■ 40.9219, 43.5002,
52.6945

■ 26.4594, 28.6664,
50.5936

■ 47.0918, 49.5072,
53.5288

■ 22.8936, 24.7231,
50.0204

■ 53.9791, 56.0735,
54.4333

■ 19.9026, 21.2467,
49.5070

■ 61.6072, 63.2147,
55.4096

■ 17.4499, 18.2141,
49.0509

■ 69.9987, 70.9458,
56.4596

■ 15.4947, 15.5999,
48.6494

■ 76.7041, 78.0072,
57.4691

■ 13.9890, 13.3749,
48.2993

■ 79.2690, 83.1371,
58.3241

■ 12.8465, 11.4898,
47.9956

■ 81.9726, 88.5444,
59.2253

■ 12.7785, 11.3762,
47.9773

■ 84.8171, 94.2333,
60.1735

Harmonies

Analogous

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



33.8839, 38.0345, 49.2724



35.4432, 38.0345, 51.9277



37.2439, 38.0345, 51.5980

Triad

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



35.4432, 38.0345, 51.9277



39.5510, 38.0345, 38.3899



33.6250, 38.0345, 35.1285

Complementary

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



35.4432, 38.0345, 51.9277



39.7575, 40.6462, 34.6049

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.



35.0790, 38.0345, 32.6653



35.4432, 38.0345, 51.9277



38.5163, 38.0345, 34.4374

Square

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



35.4432, 38.0345, 51.9277



39.6565, 38.0345, 43.4862



36.8675, 38.0345, 32.4233



32.8578, 38.0345, 39.4070

Rectangle

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



35.4432, 38.0345, 51.9277



38.3388, 38.0345, 49.7335



36.8675, 38.0345, 32.4233



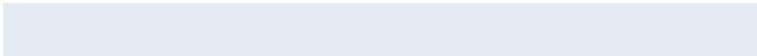
34.0474, 38.0345, 34.0766

Sweetspot

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



35.4443, 38.0361, 51.9286



77.6728, 82.2804, 95.9893



37.1493, 44.4073, 43.3676



16.9475, 17.9656, 21.1170



90.7827, 95.5105, 104.0109



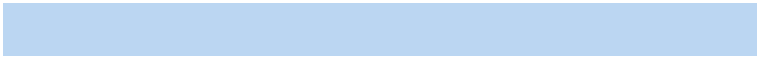
18.6292, 19.5994, 21.3438

Same Dimension

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



35.4443, 38.0361, 51.9286



60.5906, 65.2251, 93.5976



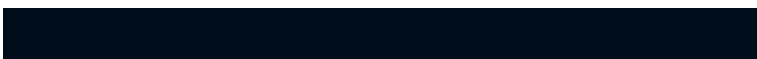
32.4436, 32.0346, 50.9283



8.8821, 9.4415, 11.4337



8.6719, 7.8034, 32.3022



0.3676, 0.3989, 1.1594

Inverse Universe

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



38.2248, 35.0797, 41.8040



66.5632, 59.1394, 71.7899



43.1881, 47.5073, 35.7484



9.1869, 9.0851, 10.3314



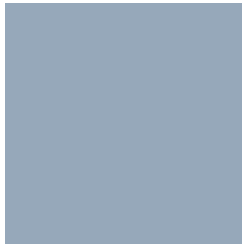
14.9908, 7.5701, 7.8385



0.5597, 0.2794, 0.4408

Previews

White Background



This preview shows how the XYZ color 35.4432, 38.0345, 51.9277 looks on a white background.

Color Contrast Check

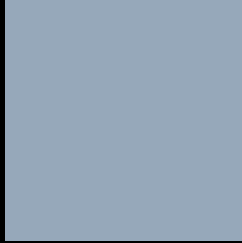
Large Text (above 18pt) WCAG AA × Fail

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 35.4432, 38.0345, 51.9277 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

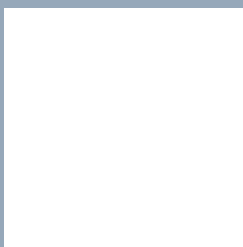
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.4432, 38.0345, 51.9277

Background



This preview shows how black text looks on a background with the XYZ color 35.4432, 38.0345, 51.9277.



This preview shows how white text looks on a background with the XYZ color 35.4432, 38.0345,

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

35.4432, 38.0345, 51.9277

Protanopia

37.0314, 37.7981, 50.6914

Deuteranopia

38.5091, 37.7355, 52.2677



Tritanopia

35.0259, 38.1429, 49.7722

Trichromacy



Original Color

35.4432, 38.0345, 51.9277

Protanomaly

36.3126, 37.6822, 51.2584

Deuteranomaly

37.3494, 37.9253, 52.3655

Tritanomaly

35.1296, 38.1844, 50.3185

Monochromacy



Original Color

35.4432, 38.0345, 51.9277

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

35.6762, 37.7631, 44.9438

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.4432, 38.0345, 51.9277 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(150, 168, 186)` looks like.

```
.text, #text, p{  
    color:rgb(150, 168, 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(150, 168, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 168, 186) }
```

Border

The CSS property to change the border of an element to XYZ 35.4432, 38.0345, 51.9277 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(150, 168, 186) }
```


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

```
.border{ border-color:rgb(150, 168, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 168, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 168, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 168, 186);  
box-shadow:4px 4px 4px 4px rgb(150, 168,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 35.4432, 38.0345, 51.9277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 168, 186) }
```

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

```
.background{ background-color: rgb(150,  
168, 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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