

Converting Colors

XYZ(38.8383, 42.2581, 53.0137)

Have a look what the booklet for
XYZ(38.8383, 42.2581, 53.0137)
contains.

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Color

**XYZ(38.9899, 42.4031,
53.1433)**

Conversions

Conversions Part 1

Format	Color
Hex	9FB1BB
RGB	159, 177, 187
RGB Percent	62%, 69%, 73%
CMY	0.3765, 0.3059, 0.2667
CMYK	0.15, 0.05, 0.00, 0.27
HSL	201°, 17%, 68%
HSV	201°, 15%, 73%
XYZ	38.9899, 42.4031, 53.1433
YIQ	172.7580, -13.9380, -0.7060

Conversions

Conversions Part 2

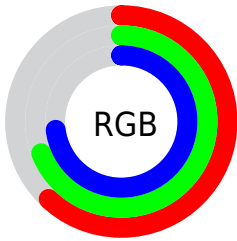
Format	Color
R_YB	159, 170, 187
Decimal	10465723
CIE Lab	71.15, -4.12, -7.21
CIE LCh	71, 8.309, 240.240
Yxy	42.4031, 0.2898, 0.3152
Android (android.graphics.Color)	4288655803 (0xFF9FB1BB)
YUV	172.7580, 7.0213, -12.0658
Hunter-Lab	65.1177, -7.0771, -2.8049

Details

The XYZ color **38.9899, 42.4031, 53.1433** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.9398, 41.4439, 38.6435**, and the grayscale version is **39.5688, 41.6294, 45.3345**.

A 20% lighter version of the original color is **73.0481, 79.0450, 96.2012**, and **17.5741, 19.2623, 25.3460** is the 20% darker color. If you saturate the color by 10%, you get **34.2720, 38.0618, 52.5547**, and if you desaturate by 10%, it is **44.3359, 47.1662, 53.7816**.

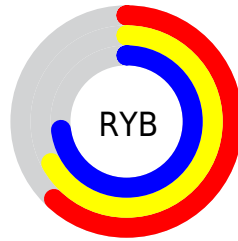
Distribution



Red (62%)

Green (69%)

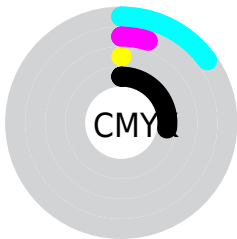
Blue (73%)



Red (62%)

Yellow (67%)

Blue (73%)

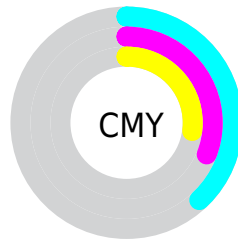


Cyan (15%)

Magenta (5%)

Yellow (0%)

Black (27%)



Cyan (38%)

Magenta (31%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.9899, 42.4031, 53.1433 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 38.9899, 42.4031, 53.1433 by changing the saturation by 10% instead.

■ 38.9899, 42.4031,
53.1433

■ 38.9899, 42.4031,
53.1433

333.0555,
356.1512, 415.9165

■ 26.9326, 29.4171,
37.5287

■ 72.9171, 78.8093,
96.2589

■ 17.6589, 19.3965,
25.3181

■ 95.5176, 102.9983,
124.5969

■ 10.8036, 11.9572,
16.0930

122.3632,
131.6904, 158.0132

■ 6.0012, 6.7145,
9.4349

153.8193,
165.2700, 196.9262

■ 2.8865, 3.2842,
4.9253

190.2512,
204.1215, 241.7545

■ 1.0940, 1.2819,
2.1455

232.0243,

■ 0.0201, 0.1271,

248.6292, 292.9166

0.6427

279.5039,
299.1777, 350.8311

■ 0.0000, 0.0000,
0.0000

■ 38.9899, 42.4031,
53.1433

■ 38.9899, 42.4031,
53.1433

■ 34.2720, 38.0618,
52.5547

■ 44.3359, 47.1662,
53.7816

■ 30.1524, 34.1223,
52.0114

■ 50.3306, 52.3598,
54.4681

■ 26.6044, 30.5704,
51.5128

■ 56.9983, 57.9988,
55.2051

■ 23.5976, 27.3893,
51.0573

■ 64.3611, 64.0958,
55.9939

■ 21.0987, 24.5602,
50.6429

■ 72.4396, 70.6627,
56.8356

■ 19.0703, 22.0624,
50.2677

■ 75.0396, 74.5075,
57.4407

■ 17.4694, 19.8721,
49.9293

■ 76.7963, 78.0210,
58.0263

■ 16.2436, 17.9608,
49.6250

■ 78.6235, 81.6754,
58.6354

■ 15.7141, 17.0766,
49.4822

■ 80.5220, 85.4723,
59.2682

Harmonies

Analogous

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



38.0362, 42.4031, 50.1357



38.9899, 42.4031, 53.1433



40.3141, 42.4031, 54.2604

Triad

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



38.9899, 42.4031, 53.1433



43.0369, 42.4031, 46.1377



38.9709, 42.4031, 39.8637

Complementary

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



38.9899, 42.4031, 53.1433



40.9398, 41.4439, 38.6435

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.



40.2917, 42.4031, 38.9262



38.9899, 42.4031, 53.1433



42.6578, 42.4031, 42.4187

Square

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



38.9899, 42.4031, 53.1433



42.6695, 42.4031, 50.0769



41.6450, 42.4031, 39.8346



38.0255, 42.4031, 42.4713

Rectangle

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



38.9899, 42.4031, 53.1433



41.2352, 42.4031, 53.7355



41.6450, 42.4031, 39.8346



39.3847, 42.4031, 39.3498

Sweetspot

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



38.9911, 42.4049, 53.1442



80.3305, 85.2857, 96.4293



39.2119, 45.7694, 44.2063



17.5198, 18.6320, 21.2155



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.



38.9911, 42.4049, 53.1442



66.9055, 73.2830, 94.8201



36.4013, 37.2252, 52.2810



9.5142, 10.2207, 12.1436



10.8972, 11.9061, 34.1167



0.4865, 0.5857, 1.3563

Inverse Universe

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



40.8285, 38.5364, 46.8834



70.8667, 65.1336, 81.2791



43.6445, 46.8533, 39.5451



9.7814, 9.6369, 11.2378



16.5012, 8.2316, 13.1986



0.6765, 0.3345, 0.6756

Previews

White Background



This preview shows how the XYZ color 38.9899, 42.4031, 53.1433 looks on a white background.

Color Contrast Check

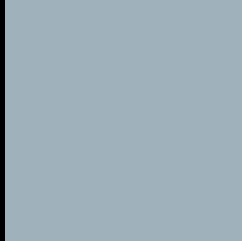
Large Text (above 18pt) WCAG AA × Fail

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 38.9899, 42.4031, 53.1433 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

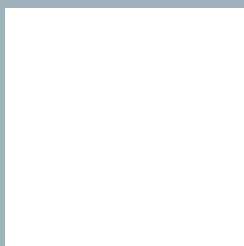
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.9899, 42.4031, 53.1433

Background



This preview shows how black text looks on a background with the XYZ color 38.9899, 42.4031, 53.1433.



This preview shows how white text looks on a background with the XYZ color 38.9899, 42.4031,

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

38.9899, 42.4031, 53.1433

Protanopia

41.0509, 42.3465, 51.3575

Deuteranopia

43.1404, 42.2404, 54.0236



Tritanopia

39.3168, 42.2420, 54.7965

Trichromacy



Original Color

38.9899, 42.4031, 53.1433

Protanomaly

40.2552, 42.2099, 51.9246

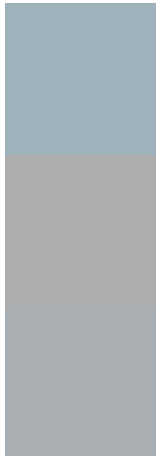
Deuteranomaly

41.5088, 42.2498, 53.5442

Tritanomaly

39.2078, 42.1984, 54.2227

Monochromacy



Original Color

38.9899, 42.4031, 53.1433

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

39.3204, 41.8113, 48.1175

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.9899, 42.4031, 53.1433 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(159, 177, 187)` looks like.

```
.text, #text, p{  
    color:rgb(159, 177, 187)  
}
```

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(159, 177, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 177, 187) }
```

Border

The CSS property to change the border of an element to XYZ 38.9899, 42.4031, 53.1433 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(159, 177, 187) }
```


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

```
.border{ border-color:rgb(159, 177, 187) }
```

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

Here you see how a box with a 4 pixel rgb(159, 177, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 177, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 177, 187);  
box-shadow:4px 4px 4px 4px rgb(159, 177,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 38.9899, 42.4031, 53.1433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 177, 187) }
```

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

```
.background{ background-color: rgb(159,  
177, 187) }
```

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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