

Converting Colors

XYZ(38.9100, 41.5178, 53.7903)

Have a look what the booklet for
XYZ(38.9100, 41.5178, 53.7903)
contains.

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Color

**XYZ(38.9111, 41.4800,
53.5326)**

Conversions

Conversions Part 1

Format	Color
Hex	A1AEBC
RGB	161, 174, 188
RGB Percent	63%, 68%, 74%
CMY	0.3686, 0.3176, 0.2627
CMYK	0.14, 0.07, 0.00, 0.26
HSL	211°, 17%, 68%
HSV	211°, 14%, 74%
XYZ	38.9111, 41.4800, 53.5326
YIQ	171.7090, -12.2420, 1.5980

Conversions

Conversions Part 2

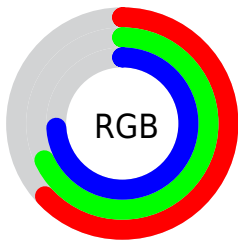
Format	Color
R _Y B	161, 170, 188
Decimal	10596028
CIE Lab	70.51, -1.63, -8.70
CIE LCh	71, 8.846, 259.390
Yxy	41.4800, 0.2905, 0.3097
Android (android.graphics.Color)	4288786108 (0xFFA1AEB0)
YUV	171.7090, 8.0315, -9.3918
Hunter-Lab	64.4050, -4.8656, -4.1976

Details

The XYZ color **38.9111, 41.4800, 53.5326** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.5024, 43.9244, 39.9572**, and the grayscale version is **39.0318, 41.0645, 44.7192**.

A 20% lighter version of the original color is **72.6673, 77.1692, 96.6531**, and **17.6394, 18.9195, 25.6438** is the 20% darker color. If you saturate the color by 10%, you get **33.5887, 36.0426, 52.7643**, and if you desaturate by 10%, it is **44.9422, 47.4878, 54.3750**.

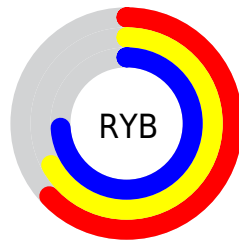
Distribution



Red (63%)

Green (68%)

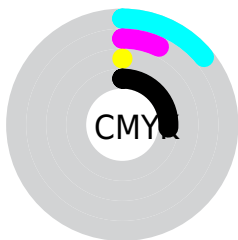
Blue (74%)



Red (63%)

Yellow (67%)

Blue (74%)

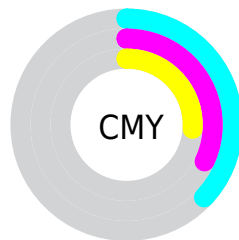


Cyan (14%)

Magenta (7%)

Yellow (0%)

Black (26%)



Cyan (37%)

Magenta (32%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.9111, 41.4800, 53.5326 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 38.9111, 41.4800, 53.5326 by changing the saturation by 10% instead.

■ 38.9111, 41.4800,
53.5326

■ 38.9111, 41.4800,
53.5326

332.7261,
352.3228, 417.4493

■ 26.8710, 28.6943,
37.8375

■ 72.7974, 77.4120,
96.8371

■ 17.6124, 18.8497,
25.5557

■ 95.3744, 101.3272,
125.2836

■ 10.7701, 11.5617,
16.2688

122.1943,
129.7209, 158.8175

■ 5.9786, 6.4460,
9.5581

153.6225,
162.9777, 197.8576

■ 2.8726, 3.1181,
5.0052

190.0245,
201.4819, 242.8222

■ 1.0868, 1.1937,
2.1915

231.7655,

■ 0.0140, 0.0566,

245.6178, 294.1301

0.6695

279.2109,
295.7700, 352.1995

■ 0.0000, 0.0000,
0.0000

■ 38.9111, 41.4800,
53.5326

■ 38.9111, 41.4800,
53.5326

■ 33.5887, 36.0426,
52.7643

■ 44.9422, 47.4878,
54.3750

■ 28.9432, 31.1516,
52.0650

■ 51.7050, 54.0787,
55.2907

■ 24.9456, 26.7888,
51.4336

■ 59.2257, 61.2714,
56.2827

■ 21.5631, 22.9327,
50.8676

■ 67.5283, 69.0821,
57.3527

■ 18.7600, 19.5601,
50.3644

■ 76.6347, 77.5258,
58.5025

■ 16.4963, 16.6455,
49.9211

■ 79.3102, 82.8768,
59.3944

■ 14.7265, 14.1602,
49.5347

■ 82.1379, 88.5323,
60.3370

■ 13.3957, 12.0707,
49.2015

■ 85.1204, 94.4972,
61.3311

■ 12.7787, 11.0338,
49.0339

■ 86.0772, 96.4109,
61.6501

Harmonies

Analogous

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



37.6272, 41.4800, 51.5440



38.9111, 41.4800, 53.5326



40.3644, 41.4800, 53.1768

Triad

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



38.9111, 41.4800, 53.5326



42.1319, 41.4800, 42.5490



37.3335, 41.4800, 40.1333

Complementary

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



38.9111, 41.4800, 53.5326



42.5024, 43.9244, 39.9572

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.



38.5013, 41.4800, 38.0007



38.9111, 41.4800, 53.5326



41.2802, 41.4800, 39.3347

Square

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



38.9111, 41.4800, 53.5326



42.2482, 41.4800, 46.6605



39.9444, 41.4800, 37.7176



36.7314, 41.4800, 43.7011

Rectangle

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



38.9111, 41.4800, 53.5326



41.2330, 41.4800, 51.6642



39.9444, 41.4800, 37.7176



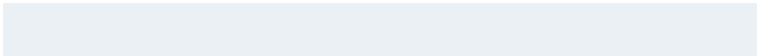
37.6716, 41.4800, 39.2344

Sweetspot

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



38.9123, 41.4817, 53.5335



81.7932, 86.4014, 98.5924



40.4149, 46.6375, 47.4043



17.4013, 18.3951, 21.1760



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.



38.9123, 41.4817, 53.5335



67.5774, 72.1983, 96.6002



36.6116, 36.7454, 52.7406



9.3854, 9.9631, 12.1006



8.7740, 7.6596, 33.4089



0.4092, 0.4311, 1.3305

Inverse Universe

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



41.1249, 39.2380, 45.4525



72.3355, 67.5152, 79.1903



45.0453, 49.1747, 40.8366



9.7164, 9.6109, 10.8954



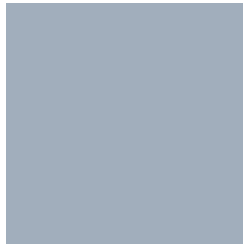
15.4295, 7.8029, 7.5551



0.6375, 0.3189, 0.4701

Previews

White Background



This preview shows how the XYZ color 38.9111, 41.4800, 53.5326 looks on a white background.

Color Contrast Check

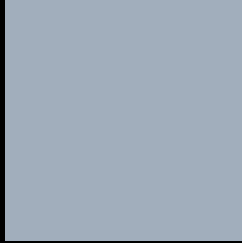
Large Text (above 18pt) WCAG AA × Fail

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 38.9111, 41.4800, 53.5326 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

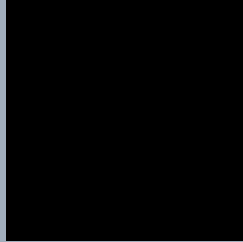
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.9111, 41.4800, 53.5326

Background



This preview shows how black text looks on a background with the XYZ color 38.9111, 41.4800, 53.5326.

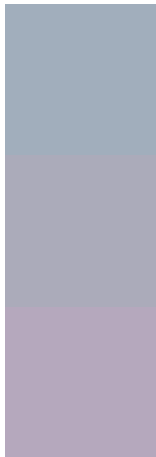


This preview shows how white text looks on a background with the XYZ color 38.9111, 41.4800,

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

38.9111, 41.4800, 53.5326

Protanopia

40.2204, 41.3289, 52.3118

Deuteranopia

42.2440, 41.5031, 53.9285



Tritanopia

38.9111, 41.4800, 53.5326

Trichromacy



Original Color

38.9111, 41.4800, 53.5326

Protanomaly

39.6585, 41.3084, 52.8968

Deuteranomaly

41.0156, 41.4222, 53.9777

Tritanomaly

38.9111, 41.4800, 53.5326

Monochromacy



Original Color

38.9111, 41.4800, 53.5326

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

39.1279, 41.4263, 48.0533

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.9111, 41.4800, 53.5326 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(161, 174, 188)` looks like.

```
.text, #text, p{  
    color:rgb(161, 174, 188)  
}
```

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(161, 174, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 174, 188) }
```

Border

The CSS property to change the border of an element to XYZ 38.9111, 41.4800, 53.5326 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(161, 174, 188) }
```


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

```
.border{ border-color:rgb(161, 174, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 174, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 174, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 174, 188);  
box-shadow:4px 4px 4px 4px rgb(161, 174,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 38.9111, 41.4800, 53.5326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 174, 188) }
```

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

```
.background{ background-color: rgb(161,  
174, 188) }
```

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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