

Converting Colors

XYZ(38.2815, 39.1396, 53.5106)

Have a look what the booklet for
XYZ(38.2815, 39.1396, 53.5106)
contains.

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Color

**XYZ(38.3139, 39.2041,
53.6919)**

Conversions

Conversions Part 1

Format	Color
Hex	A4A7BD
RGB	164, 167, 189
RGB Percent	64%, 65%, 74%
CMY	0.3569, 0.3451, 0.2588
CMYK	0.13, 0.12, 0.00, 0.26
HSL	233°, 16%, 69%
HSV	233°, 13%, 74%
XYZ	38.3139, 39.2041, 53.6919
YIQ	168.6110, -8.8500, 6.2060

Conversions

Conversions Part 2

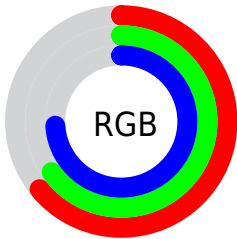
Format	Color
RYB	164, 167, 189
Decimal	10790845
CIELab	68.90, 3.41, -11.63
CIELCh	69, 12.121, 286.343
Yxy	39.2041, 0.2920, 0.2988
Android (android.graphics.Color)	4288980925 (0xFFA4A7BD)
YUV	168.6110, 10.0518, -4.0438
Hunter-Lab	62.6132, -0.3464, -7.0130

Details

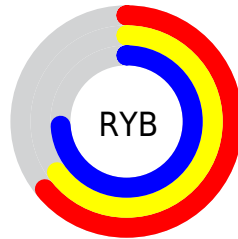
The XYZ color **38.3139, 39.2041, 53.6919** is a light color, and the websafe version is hex **999999**. A complement of this color would be **45.2463, 48.6168, 42.1221**, and the grayscale version is **37.4761, 39.4278, 42.9369**.

A 20% lighter version of the original color is **71.8161, 73.8952, 96.8643**, and **17.2568, 17.4838, 25.7577** is the 20% darker color. If you saturate the color by 10%, you get **31.8464, 31.6352, 52.5724**, and if you desaturate by 10%, it is **45.7552, 47.8587, 54.9708**.

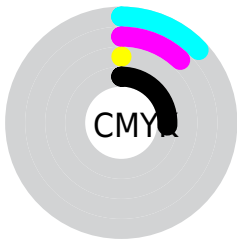
Distribution



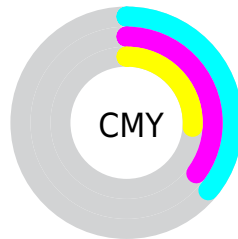
- Red (64%)
- Green (65%)
- Blue (74%)



- Red (64%)
- Yellow (65%)
- Blue (74%)



- Cyan (13%)
- Magenta (12%)
- Yellow (0%)
- Black (26%)



- Cyan (36%)
- Magenta (35%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.3139, 39.2041, 53.6919 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 38.3139, 39.2041, 53.6919 by changing the saturation by 10% instead.

■ 38.3139, 39.2041,
53.6919

■ 38.3139, 39.2041,
53.6919

330.2222,
342.7575, 418.0754

■ 26.4047, 26.9185,
37.9639

■ 71.8898, 73.9500,
97.0736

■ 17.2609, 17.5121,
25.6531

■ 94.2873, 97.1792,
125.5643

■ 10.5172, 10.6002,
16.3408

120.9115,
124.8249, 159.1463

■ 5.8081, 5.7987,
9.6087

152.1279,
157.2718, 198.2383

■ 2.7683, 2.7231,
5.0381

188.3018,
194.9041, 243.2586

■ 1.0324, 0.9889,
2.2105

229.7986,

■ 0.0000, 0.0000,

238.1062, 294.6259

0.6804

276.9836,
287.2625, 352.7586

■ 0.0000, 0.0000,
0.0000

■ 38.3139, 39.2041,
53.6919

■ 38.3139, 39.2041,
53.6919

■ 31.8464, 31.6352,
52.5724

■ 45.7552, 47.8587,
54.9708

■ 26.3090, 25.1043,
51.6037

■ 54.2047, 57.6345,
56.4124

■ 21.6595, 19.5675,
50.7800

■ 63.6995, 68.5714,
58.0230

■ 17.8516, 14.9756,
50.0944

■ 74.2737, 80.7059,
59.8079

■ 14.8342, 11.2754,
49.5393

■ 84.6597, 93.4026,
61.7112

■ 12.5510, 8.4083,
49.1062

■ 86.1854, 96.4542,
62.2198

■ 10.9379, 6.3085,
48.7859

■ 9.9194, 4.9000,
48.5677

■ 9.4858, 4.2750,
48.4699

Harmonies

Analogous

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



36.3949, 39.2041, 53.8419



38.3139, 39.2041, 53.6919



40.0058, 39.2041, 50.4333

Triad

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



38.3139, 39.2041, 53.6919



39.8772, 39.2041, 35.4653



33.7790, 39.2041, 40.2315

Complementary

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



38.3139, 39.2041, 53.6919



45.2463, 48.6168, 42.1221

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.



34.6473, 39.2041, 35.7768



38.3139, 39.2041, 53.6919



38.1434, 39.2041, 33.1894

Square

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



38.3139, 39.2041, 53.6919



40.9294, 39.2041, 39.7718



36.2302, 39.2041, 33.2983



33.8211, 39.2041, 45.7404

Rectangle

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



38.3139, 39.2041, 53.6919



40.7576, 39.2041, 47.0845



36.2302, 39.2041, 33.2983



33.9728, 39.2041, 38.5715

Sweetspot

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



38.3151, 39.2057, 53.6928



80.7629, 84.3407, 98.2489



42.3357, 47.8194, 53.2682



17.1405, 17.8734, 21.0891



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.



38.3151, 39.2057, 53.6928



64.9320, 65.9086, 95.5256



39.7320, 39.1292, 53.6033



9.1063, 9.4050, 12.0076



6.4128, 2.9373, 32.6219



0.2820, 0.1766, 1.2881

Inverse Universe

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



41.2377, 40.1607, 42.1394



71.2440, 68.0120, 70.5648



43.6828, 48.7595, 42.2320



9.5755, 9.5545, 10.1538



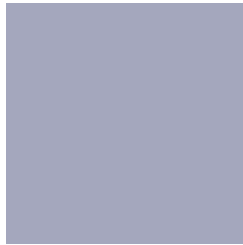
14.2376, 7.3262, 1.2791



0.5732, 0.2932, 0.1319

Previews

White Background



This preview shows how the XYZ color 38.3139, 39.2041, 53.6919 looks on a white background.

Color Contrast Check

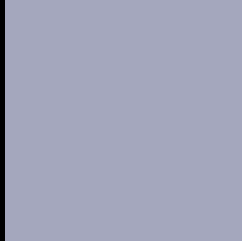
Large Text (above 18pt) WCAG AA × Fail

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 38.3139, 39.2041, 53.6919 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

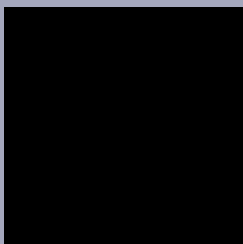
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

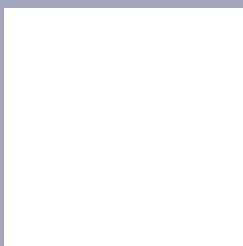
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.3139, 39.2041, 53.6919

Background



This preview shows how black text looks on a background with the XYZ color 38.3139, 39.2041, 53.6919.



This preview shows how white text looks on a background with the XYZ color 38.3139, 39.2041,

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

38.3139, 39.2041, 53.6919

Protanopia

38.5211, 39.3109, 53.7016

Deuteranopia

40.0253, 39.2673, 54.1850



Tritanopia

37.5504, 39.1692, 49.8373

Trichromacy



Original Color

38.3139, 39.2041, 53.6919

Protanomaly

38.5211, 39.3109, 53.7016

Deuteranomaly

39.3270, 39.1740, 54.2038

Tritanomaly

37.8638, 39.2946, 51.4879

Monochromacy



Original Color

38.3139, 39.2041, 53.6919

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

37.7755, 39.3553, 46.6797

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.3139, 39.2041, 53.6919 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(164, 167, 189)` looks like.

```
.text, #text, p{  
    color:rgb(164, 167, 189)  
}
```

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(164, 167, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 167, 189) }
```

Border

The CSS property to change the border of an element to XYZ 38.3139, 39.2041, 53.6919 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(164, 167, 189) }
```


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

```
.border{ border-color:rgb(164, 167, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 167, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 167, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 167, 189);  
box-shadow:4px 4px 4px 4px rgb(164, 167,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 38.3139, 39.2041, 53.6919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 167, 189) }
```

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

```
.background{ background-color: rgb(164,  
167, 189) }
```

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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