

Converting Colors

XYZ(39.8129, 38.1860, 50.6197)

Have a look what the booklet for
XYZ(39.8129, 38.1860, 50.6197)
contains.

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Color

**XYZ(39.8129, 38.1860,
50.6197)**

Conversions

Conversions Part 1

Format	Color
Hex	B3A0B8
RGB	179, 160, 184
RGB Percent	70%, 63%, 72%
CMY	0.2980, 0.3725, 0.2784
CMYK	0.03, 0.13, 0.00, 0.28
HSL	287°, 14%, 67%
HSV	287°, 13%, 72%
XYZ	39.8129, 38.1860, 50.6197
YIQ	168.4170, 3.6200, 11.4920

Conversions

Conversions Part 2

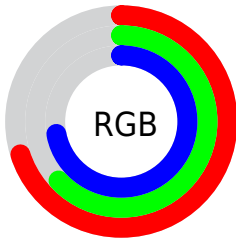
Format	Color
RYB	179, 160, 184
Decimal	11772088
CIELab	68.16, 11.36, -9.84
CIELCh	68, 15.028, 319.116
Yxy	38.1860, 0.3095, 0.2969
Android (android.graphics.Color)	4289962168 (0xFFB3A0B8)
YUV	168.4170, 7.6824, 9.2813
Hunter-Lab	61.7948, 6.8623, -5.3115

Details

The XYZ color **39.8129, 38.1860, 50.6197** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.0042, 44.8194, 39.8549**, and the grayscale version is **37.3875, 39.3345, 42.8353**.

A 20% lighter version of the original color is **74.2896, 72.5543, 92.5270**, and **18.0635, 16.7994, 23.7633** is the 20% darker color. If you saturate the color by 10%, you get **35.9828, 31.8225, 49.5939**, and if you desaturate by 10%, it is **44.1420, 45.5097, 51.8057**.

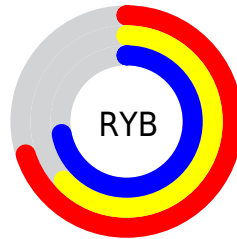
Distribution



Red (70%)

Green (63%)

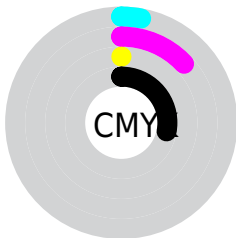
Blue (72%)



Red (70%)

Yellow (63%)

Blue (72%)

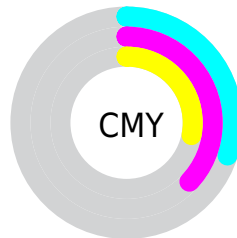


Cyan (3%)

Magenta (13%)

Yellow (0%)

Black (28%)



Cyan (30%)

Magenta (37%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.8129, 38.1860, 50.6197 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 39.8129, 38.1860, 50.6197 by changing the saturation by 10% instead.

■ 39.8129, 38.1860,
50.6197

■ 39.8129, 38.1860,
50.6197

336.4823,
338.4172, 405.8887

■ 27.5763, 26.1271,
35.5314

■ 74.1647, 72.3931,
92.4981

■ 18.1453, 16.9187,
23.7857

■ 97.0105, 95.3101,
120.1253

■ 11.1547, 10.1766,
14.9640

124.1235,
122.6153, 152.7693

■ 6.2390, 5.5162,
8.6478

155.8689,
154.6930, 190.8485

■ 3.0330, 2.5532,
4.4185

192.6121,
191.9277, 234.7815

■ 1.1712, 0.9032,
1.8576

234.7185,

■ 0.0835, 0.0000,

234.7036, 284.9868

0.4656

282.5535,
283.4054, 341.8831

■ 0.0000, 0.0000,
0.0000

■ 39.8129, 38.1860,
50.6197

■ 39.8129, 38.1860,
50.6197

■ 35.9828, 31.8225,
49.5939

■ 44.1420, 45.5097,
51.8057

■ 32.6274, 26.3727,
48.7188

■ 48.9863, 53.8275,
53.1559

■ 29.7255, 21.7940,
47.9880

■ 54.3654, 63.1778,
54.6772

■ 27.2529, 18.0380,
47.3933

■ 60.2968, 73.5954,
56.3754

■ 25.1828, 15.0517,
46.9260

■ 66.7974, 85.1135,
58.2560

■ 23.4855, 12.7759,
46.5762

■ 68.7701, 87.5379,
58.6199

■ 22.1268, 11.1426,
46.3325

■ 69.8205, 88.0794,
58.6691

■ 21.0658, 10.0703,
46.1815

■ 70.8969, 88.6343,
58.7195

■ 20.4460, 9.5408,
46.1119

■ 71.9994, 89.2026,
58.7711

Harmonies

Analogous

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



37.7920, 38.1860, 55.0176



39.8129, 38.1860, 50.6197



40.9069, 38.1860, 44.0653

Triad

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



39.8129, 38.1860, 50.6197



37.1530, 38.1860, 30.1384



32.1973, 38.1860, 45.9538

Complementary

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



39.8129, 38.1860, 50.6197



39.0042, 44.8194, 39.8549

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.



32.0428, 38.1860, 39.1862



39.8129, 38.1860, 50.6197



34.8374, 38.1860, 30.5274

Square

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



39.8129, 38.1860, 50.6197



39.3278, 38.1860, 32.5560



32.9900, 38.1860, 33.6828



33.4216, 38.1860, 52.1297

Rectangle

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



39.8129, 38.1860, 50.6197



40.9331, 38.1860, 39.5647



32.9900, 38.1860, 33.6828



32.0205, 38.1860, 43.6586

Sweetspot

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



39.8140, 38.1876, 50.6205



79.1716, 81.0551, 93.6770



36.6418, 37.9185, 50.7358



16.9355, 17.2487, 20.1583



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.



39.8140, 38.1876, 50.6205



69.8358, 65.3163, 91.1312



40.2949, 38.5159, 47.0112



9.1928, 9.0657, 11.3448



14.1510, 6.6063, 31.7824



0.5456, 0.2570, 1.1226

Inverse Universe

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



39.1309, 38.0503, 40.8814



68.3519, 65.0288, 69.4912



38.5956, 44.5382, 43.0265



9.0791, 9.0420, 9.7641



13.8897, 7.1296, 2.0400



0.5123, 0.2604, 0.1911

Previews

White Background



This preview shows how the XYZ color 39.8129, 38.1860, 50.6197 looks on a white background.

Color Contrast Check

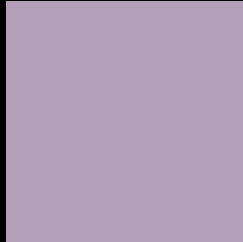
Large Text (above 18pt) WCAG AA × Fail

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 39.8129, 38.1860, 50.6197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

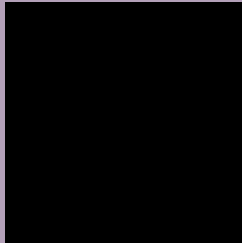
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.8129, 38.1860, 50.6197

Background



This preview shows how black text looks on a background with the XYZ color 39.8129, 38.1860, 50.6197.



This preview shows how white text looks on a background with the XYZ color 39.8129, 38.1860,

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

39.8129, 38.1860, 50.6197

Protanopia

37.5290, 38.2847, 52.4254

Deuteranopia

39.0276, 38.3000, 50.6831



Tritanopia

38.9204, 38.3616, 45.3976

Trichromacy



Original Color

39.8129, 38.1860, 50.6197

Protanomaly

38.3223, 38.1746, 51.8030

Deuteranomaly

39.3011, 38.1805, 50.6456

Tritanomaly

39.1408, 38.1691, 47.4239

Monochromacy



Original Color

39.8129, 38.1860, 50.6197

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

38.1084, 38.7369, 45.5128

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.8129, 38.1860, 50.6197 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(179, 160, 184)` looks like.

```
.text, #text, p{  
    color:rgb(179, 160, 184)  
}
```

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(179, 160, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 160, 184) }
```

Border

The CSS property to change the border of an element to XYZ 39.8129, 38.1860, 50.6197 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(179, 160, 184) }
```


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

```
.border{ border-color:rgb(179, 160, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 160, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 160, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 160, 184);  
box-shadow:4px 4px 4px 4px rgb(179, 160,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 39.8129, 38.1860, 50.6197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 160, 184) }
```

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

```
.background{ background-color: rgb(179,  
160, 184) }
```

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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