

Converting Colors

XYZ(39.2942, 38.3600, 48.3037)

Have a look what the booklet for
XYZ(39.2942, 38.3600, 48.3037)
contains.

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Color

**XYZ(39.5186, 38.6009,
48.5479)**

Conversions

Conversions Part 1

Format	Color
Hex	B2A2B4
RGB	178, 162, 180
RGB Percent	70%, 64%, 71%
CMY	0.3020, 0.3647, 0.2941
CMYK	0.01, 0.10, 0.00, 0.29
HSL	293°, 11%, 67%
HSV	293°, 10%, 71%
XYZ	39.5186, 38.6009, 48.5479
YIQ	168.8360, 3.7580, 8.9900

Conversions

Conversions Part 2

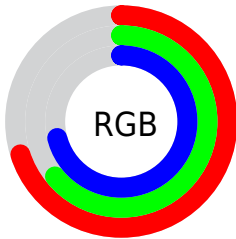
Format	Color
RYB	178, 162, 180
Decimal	11707060
CIELab	68.46, 9.13, -7.17
CIELCh	68, 11.607, 321.855
Yxy	38.6009, 0.3120, 0.3047
Android (android.graphics.Color)	4289897140 (0xFFB2A2B4)
YUV	168.8360, 5.5039, 8.0368
Hunter-Lab	62.1296, 4.8111, -2.8383

Details

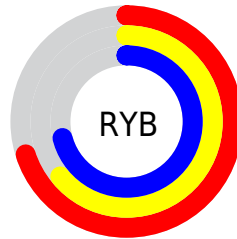
The XYZ color **39.5186, 38.6009, 48.5479** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.1542, 43.1447, 40.5012**, and the grayscale version is **37.6043, 39.5627, 43.0837**.

A 20% lighter version of the original color is **73.8849, 73.1743, 89.5868**, and **17.8641, 17.0441, 22.4270** is the 20% darker color. If you saturate the color by 10%, you get **36.1168, 32.4733, 47.5450**, and if you desaturate by 10%, it is **43.3832, 45.6431, 49.7041**.

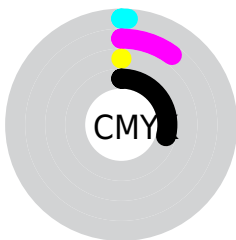
Distribution



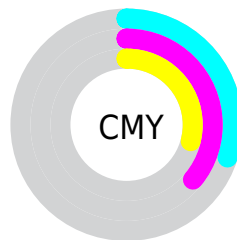
- Red (70%)
- Green (64%)
- Blue (71%)



- Red (70%)
- Yellow (64%)
- Blue (71%)



- Cyan (1%)
- Magenta (10%)
- Yellow (0%)
- Black (29%)



- Cyan (30%)
- Magenta (36%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.5186, 38.6009, 48.5479 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 39.5186, 38.6009, 48.5479 by changing the saturation by 10% instead.

■ 39.5186, 38.6009,
48.5479

■ 39.5186, 38.6009,
48.5479

335.2597,
340.1907, 397.5310

■ 27.3459, 26.4494,
33.8979

■ 73.7189, 73.0282,
89.3936

■ 17.9711, 17.1601,
22.5385

■ 96.4773, 96.0728,
116.4265

■ 11.0288, 10.3487,
14.0510

123.4949,
123.5173, 148.4240

■ 6.1537, 5.6308,
8.0170

155.1372,
155.7460, 185.8048

■ 2.9803, 2.6219,
4.0179

191.7694,
193.1432, 228.9873

■ 1.1433, 0.9377,
1.6352

233.7570,

■ 0.0609, 0.0000,

236.0935, 278.3901

0.3157

281.4653,
284.9812, 334.4319

■ 0.0000, 0.0000,
0.0000

■ 39.5186, 38.6009,
48.5479

■ 39.5186, 38.6009,
48.5479

■ 36.1168, 32.4733,
47.5450

■ 43.3832, 45.6431,
49.7041

■ 33.1553, 27.2167,
46.6865

■ 47.7253, 53.6308,
51.0170

■ 30.6145, 22.7919,
45.9663

■ 52.5631, 62.6000,
52.4933

■ 28.4722, 19.1543,
45.3771

■ 57.9128, 72.5831,
54.1382

■ 26.7041, 16.2552,
44.9107

■ 63.7901, 83.6109,
55.9570

■ 25.2832, 14.0408,
44.5582

■ 65.2345, 85.7630,
56.2963

■ 24.1787, 12.4496,
44.3093

■ 65.7376, 86.0223,
56.3198

■ 23.3545, 11.4092,
44.1519

■ 66.2476, 86.2853,
56.3437

■ 22.7350, 10.7687,
44.0609

■ 66.7646, 86.5518,
56.3679

Harmonies

Analogous

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



38.0109, 38.6009, 52.0647



39.5186, 38.6009, 48.5479



40.2736, 38.6009, 43.4698

Triad

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



39.5186, 38.6009, 48.5479



37.1884, 38.6009, 32.8454



33.5274, 38.6009, 45.8832

Complementary

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



39.5186, 38.6009, 48.5479



38.1542, 43.1447, 40.5012

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.



33.3237, 38.6009, 40.6220



39.5186, 38.6009, 48.5479



35.3981, 38.6009, 33.3751

Square

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



39.5186, 38.6009, 48.5479



38.8994, 38.6009, 34.6110



33.9978, 38.6009, 36.1229



34.5639, 38.6009, 50.4396

Rectangle

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



39.5186, 38.6009, 48.5479



40.2316, 38.6009, 39.9988



33.9978, 38.6009, 36.1229



33.3607, 38.6009, 44.1285

Sweetspot

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



39.5197, 38.6026, 48.5487



76.4326, 78.6828, 89.4535



36.4335, 37.5652, 48.5112



16.3964, 16.7810, 19.2971



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



39.5197, 38.6026, 48.5487



70.2243, 67.4012, 87.6031



39.2964, 38.5667, 44.9600



8.7552, 8.5978, 10.7044



15.9025, 7.5338, 30.7530



0.5267, 0.2506, 0.9689

Inverse Universe

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



38.4449, 38.2261, 40.4761



67.8885, 66.5849, 69.9707



38.3749, 43.1857, 43.8015



8.5335, 8.5201, 9.0418



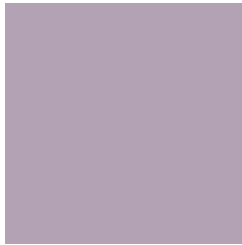
13.2381, 6.8128, 1.1477



0.4289, 0.2193, 0.1011

Previews

White Background



This preview shows how the XYZ color 39.5186, 38.6009, 48.5479 looks on a white background.

Color Contrast Check

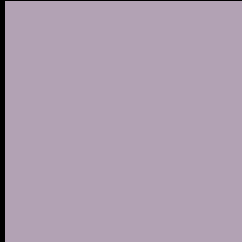
Large Text (above 18pt) WCAG AA × Fail

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 39.5186, 38.6009, 48.5479 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 39.5186, 38.6009, 48.5479

Background



This preview shows how black text looks on a background with the XYZ color 39.5186, 38.6009, 48.5479.



This preview shows how white text looks on a background with the XYZ color 39.5186, 38.6009,

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

39.5186, 38.6009, 48.5479

Protanopia

37.5968, 38.6492, 49.7344

Deuteranopia

39.2900, 38.4831, 48.5372



Tritanopia

39.0651, 38.6761, 46.4806

Trichromacy



Original Color

39.5186, 38.6009, 48.5479

Protanomaly

38.3732, 38.7925, 49.1813

Deuteranomaly

39.2900, 38.4831, 48.5372

Tritanomaly

39.1645, 38.7158, 47.0037

Monochromacy



Original Color

39.5186, 38.6009, 48.5479

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

38.1923, 39.0602, 45.0616

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.5186, 38.6009, 48.5479 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(178, 162, 180)` looks like.

```
.text, #text, p{  
    color:rgb(178, 162, 180)  
}
```

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(178, 162, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 162, 180) }
```

Border

The CSS property to change the border of an element to XYZ 39.5186, 38.6009, 48.5479 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(178, 162, 180) }
```


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

```
.border{ border-color:rgb(178, 162, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 162, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 162, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 162, 180);  
box-shadow:4px 4px 4px 4px rgb(178, 162,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 39.5186, 38.6009, 48.5479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 162, 180) }
```

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

```
.background{ background-color: rgb(178,  
162, 180) }
```

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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