

Converting Colors

XYZ(39.7631, 38.8522, 47.8979)

Have a look what the booklet for
XYZ(39.7631, 38.8522, 47.8979)
contains.

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Color

**XYZ(39.6474, 38.6790,
48.0240)**

Conversions

Conversions Part 1

Format	Color
Hex	B3A2B3
RGB	179, 162, 179
RGB Percent	70%, 64%, 70%
CMY	0.2980, 0.3647, 0.2980
CMYK	0.00, 0.09, 0.00, 0.30
HSL	300°, 10%, 67%
HSV	300°, 9%, 70%
XYZ	39.6474, 38.6790, 48.0240
YIQ	169.0210, 4.6750, 8.8910

Conversions

Conversions Part 2

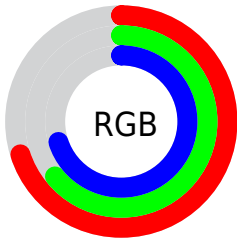
Format	Color
RYB	179, 162, 179
Decimal	11772595
CIELab	68.52, 9.29, -6.52
CIELCh	69, 11.348, 324.935
Yxy	38.6790, 0.3138, 0.3061
Android (android.graphics.Color)	4289962675 (0xFFB3A2B3)
YUV	169.0210, 4.9196, 8.7516
Hunter-Lab	62.1924, 4.9562, -2.2481

Details

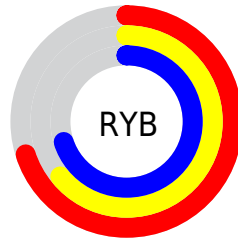
The XYZ color **39.6474, 38.6790, 48.0240** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.5434, 42.5313, 40.4150**, and the grayscale version is **37.6982, 39.6614, 43.1913**.

A 20% lighter version of the original color is **74.0692, 73.2860, 88.8390**, and **17.9460, 17.0938, 22.0922** is the 20% darker color. If you saturate the color by 10%, you get **36.7165, 32.8166, 47.0475**, and if you desaturate by 10%, it is **43.0294, 45.4424, 49.1518**.

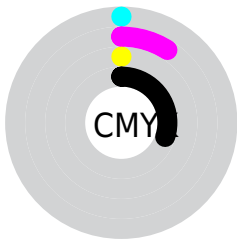
Distribution



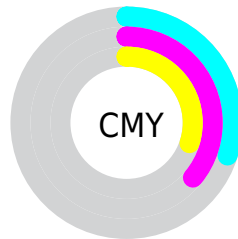
- Red (70%)
- Green (64%)
- Blue (70%)



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



- Cyan (0%)
- Magenta (9%)
- Yellow (0%)
- Black (30%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.6474, 38.6790, 48.0240 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 39.6474, 38.6790, 48.0240 by changing the saturation by 10% instead.

■ 39.6474, 38.6790,
48.0240

■ 39.6474, 38.6790,
48.0240

335.7951,
340.5238, 395.3987

■ 27.4467, 26.5101,
33.4858

■ 73.9140, 73.1477,
88.6061

■ 18.0473, 17.2056,
22.2247

■ 96.7107, 96.2163,
115.4870

■ 11.0839, 10.3812,
13.8222

123.7701,
123.6868, 147.3192

■ 6.1910, 5.6524,
7.8598

155.4576,
155.9438, 184.5212

■ 3.0033, 2.6349,
3.9189

192.1384,
193.3716, 227.5117

■ 1.1555, 0.9442,
1.5809

234.1781,

■ 0.0708, 0.0000,

236.3546, 276.7090

0.2772

281.9419,
285.2772, 332.5319

■ 0.0000, 0.0000,
0.0000

■ 39.6474, 38.6790,
48.0240

■ 39.6474, 38.6790,
48.0240

■ 36.7165, 32.8166,
47.0475

■ 43.0294, 45.4424,
49.1518

■ 34.2144, 27.8125,
46.2134

■ 46.8769, 53.1373,
50.4343

■ 32.1221, 23.6279,
45.5160

■ 51.2077, 61.7990,
51.8780

■ 30.4178, 20.2192,
44.9478

■ 56.0379, 71.4593,
53.4880

■ 29.0775, 17.5387,
44.5010

■ 61.3826, 82.1487,
55.2696

■ 28.0749, 15.5334,
44.1668

■ 62.4875, 84.3586,
55.6380

■ 27.3798, 14.1433,
43.9351

■ 62.4875, 84.3586,
55.6380

■ 26.9570, 13.2977,
43.7941

■ 62.4875, 84.3586,
55.6380

■ 26.7372, 12.8582,
43.7208

■ 62.4875, 84.3586,
55.6381

Harmonies

Analogous

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



38.2306, 38.6790, 51.6814



39.6474, 38.6790, 48.0240



40.2925, 38.6790, 42.9895

Triad

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



39.6474, 38.6790, 48.0240



37.0674, 38.6790, 33.0551



33.7352, 38.6790, 46.4004

Complementary

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



39.6474, 38.6790, 48.0240



37.5434, 42.5313, 40.4150

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.



33.4463, 38.6790, 41.2521



39.6474, 38.6790, 48.0240



35.3339, 38.6790, 33.8083

Square

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



39.6474, 38.6790, 48.0240



38.7724, 38.6790, 34.5642



34.0224, 38.6790, 36.7115



34.8247, 38.6790, 50.6920

Rectangle

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



39.6474, 38.6790, 48.0240



40.1835, 38.6790, 39.6298



34.0224, 38.6790, 36.7115



33.5428, 38.6790, 44.7017

Sweetspot

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



39.6485, 38.6807, 48.0248



74.8167, 76.8915, 87.2794



35.9590, 36.7786, 47.8522



16.4665, 16.8171, 19.3004



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.



39.6485, 38.6807, 48.0248



70.0653, 67.3888, 85.6956



38.8151, 38.3473, 43.6360



8.8501, 8.6467, 10.7089



18.8866, 9.0722, 30.8925



0.5943, 0.2854, 0.9720

Inverse Universe

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



39.6485, 38.6807, 48.0248



70.0653, 67.3888, 85.6956



38.3248, 42.8438, 44.5297



8.8501, 8.6467, 10.7089



18.8866, 9.0722, 30.8925



0.5943, 0.2854, 0.9720

Previews

White Background



This preview shows how the XYZ color 39.6474, 38.6790, 48.0240 looks on a white background.

Color Contrast Check

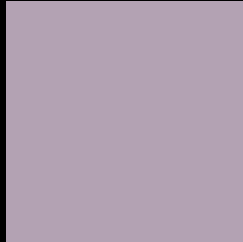
Large Text (above 18pt) WCAG AA × Fail

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 39.6474, 38.6790, 48.0240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

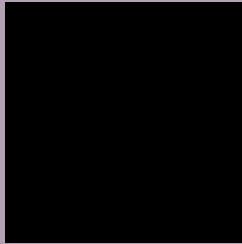
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.6474, 38.6790, 48.0240

Background



This preview shows how black text looks on a background with the XYZ color 39.6474, 38.6790, 48.0240.



This preview shows how white text looks on a background with the XYZ color 39.6474, 38.6790,

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

39.6474, 38.6790, 48.0240

Protanopia

37.8056, 38.7568, 49.7442

Deuteranopia

39.4171, 38.5603, 48.0132



Tritanopia

39.1952, 38.7545, 45.9720

Trichromacy



Original Color

39.6474, 38.6790, 48.0240

Protanomaly

38.5902, 38.9044, 49.1914

Deuteranomaly

39.4171, 38.5603, 48.0132

Tritanomaly

39.2938, 38.7940, 46.4913

Monochromacy



Original Color

39.6474, 38.6790, 48.0240

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

38.4126, 39.1738, 45.0719

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.6474, 38.6790, 48.0240 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, 162, 179)` looks like.

```
.text, #text, p{  
    color:rgb(179, 162, 179)  
}
```

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, 162, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 162, 179) }
```

Border

The CSS property to change the border of an element to XYZ 39.6474, 38.6790, 48.0240 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, 162, 179) }
```


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

```
.border{ border-color:rgb(179, 162, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 162, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 162, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 162, 179);  
box-shadow:4px 4px 4px 4px rgb(179, 162,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 39.6474, 38.6790, 48.0240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 162, 179) }
```

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

```
.background{ background-color: rgb(179,  
162, 179) }
```

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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