

Converting Colors

XYZ(39.8146, 41.7553, 48.3810)

Have a look what the booklet for
XYZ(39.8146, 41.7553, 48.3810)
contains.

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Color

**XYZ(39.8748, 41.7997,
48.6144)**

Conversions

Conversions Part 1

Format	Color
Hex	ABADB3
RGB	171, 173, 179
RGB Percent	67%, 68%, 70%
CMY	0.3294, 0.3216, 0.2980
CMYK	0.04, 0.03, 0.00, 0.30
HSL	225°, 5%, 69%
HSV	225°, 4%, 70%
XYZ	39.8748, 41.7997, 48.6144
YIQ	173.0860, -3.1180, 1.4420

Conversions

Conversions Part 2

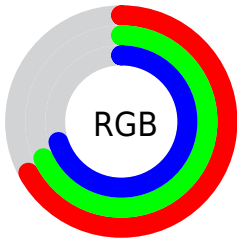
Format	Color
R _Y B	171, 173, 179
Decimal	11251123
CIE Lab	70.73, 0.46, -3.32
CIE LCh	71, 3.354, 277.808
Yxy	41.7997, 0.3060, 0.3208
Android (android.graphics.Color)	4289441203 (0xFFABADB3)
YUV	173.0860, 2.9156, -1.8294
Hunter-Lab	64.6527, -3.0516, 0.6749

Details

The XYZ color **39.8748, 41.7997, 48.6144** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.6633, 43.9678, 44.8194**, and the grayscale version is **39.7520, 41.8222, 45.5444**.

A 20% lighter version of the original color is **74.1028, 77.6537, 89.6803**, and **18.2110, 19.1030, 22.4661** is the 20% darker color. If you saturate the color by 10%, you get **33.7918, 35.0349, 47.6299**, and if you desaturate by 10%, it is **46.7467, 49.3571, 49.7116**.

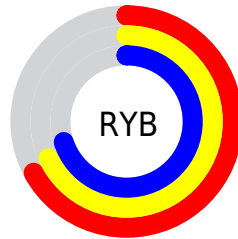
Distribution



Red (67%)

Green (68%)

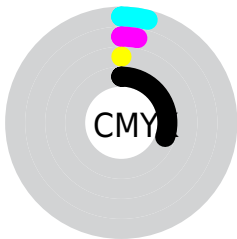
Blue (70%)



Red (67%)

Yellow (68%)

Blue (70%)

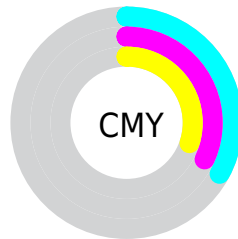


Cyan (4%)

Magenta (3%)

Yellow (0%)

Black (30%)



Cyan (33%)

Magenta (32%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.8748, 41.7997, 48.6144 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 39.8748, 41.7997, 48.6144 by changing the saturation by 10% instead.

■ 39.8748, 41.7997,
48.6144

■ 39.8748, 41.7997,
48.6144

336.7391,
353.6519, 397.8011

■ 27.6247, 28.9445,
33.9503

■ 74.2584, 77.8964,
89.4935

■ 18.1820, 19.0388,
22.5783

97.1226, 101.9067,
116.5456

■ 11.1812, 11.6983,
14.0801

124.2555,
130.4041, 148.5641

■ 6.2570, 6.5386,
8.0370

156.0226,
163.7730, 185.9674

■ 3.0441, 3.1753,
4.0305

192.7891,
202.3978, 229.1743

■ 1.1771, 1.2239,
1.6421

234.9205,

■ 0.0882, 0.0811,

246.6630, 278.6032

0.3206

282.7820,
296.9529, 334.6726

■ 0.0000, 0.0000,
0.0000

■ 39.8748, 41.7997,
48.6144

■ 39.8748, 41.7997,
48.6144

■ 33.7918, 35.0349,
47.6299

■ 46.7467, 49.3571,
49.7116

■ 28.4654, 29.0315,
46.7519

■ 54.4311, 57.7267,
50.9221

■ 23.8665, 23.7636,
45.9775

■ 62.9549, 66.9339,
52.2500

■ 19.9624, 19.2021,
45.3028

■ 72.3430, 77.0013,
53.6984

■ 16.7180, 15.3159,
44.7236

■ 80.5657, 86.8924,
55.1742

■ 14.0952, 12.0711,
44.2356

■ 84.6653, 95.0918,
56.5407

■ 12.0513, 9.4311,
43.8337

■ 85.1368, 96.0347,
56.6979

■ 10.5383, 7.3550,
43.5127

■ 9.4993, 5.7957,
43.2665

Harmonies

Analogous

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



39.3269, 41.7997, 48.4073



39.8748, 41.7997, 48.6144



40.3884, 41.7997, 47.9752

Triad

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



39.8748, 41.7997, 48.6144



40.5801, 41.7997, 43.6613



38.7476, 41.7997, 44.3660

Complementary

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



39.8748, 41.7997, 48.6144



41.6633, 43.9678, 44.8194

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.



39.0775, 41.7997, 43.1361



39.8748, 41.7997, 48.6144



40.1346, 41.7997, 42.7359

Square

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



39.8748, 41.7997, 48.6144



40.7981, 41.7997, 45.0980



39.5843, 41.7997, 42.5459



38.6795, 41.7997, 45.9301

Rectangle

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



39.8748, 41.7997, 48.6144



40.6411, 41.7997, 47.1637



39.5843, 41.7997, 42.5459



38.8314, 41.7997, 43.9008

Sweetspot

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



39.8760, 41.8015, 48.6153



75.5023, 79.3739, 87.7225



40.8379, 44.0678, 47.8795



16.7419, 17.6011, 19.4372



86.6293, 91.1408, 99.2523



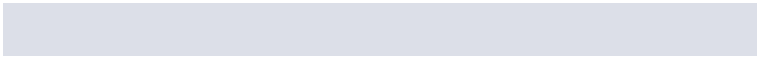
17.0014, 17.8868, 19.4787

Same Dimension

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



39.8760, 41.8015, 48.6153



70.7053, 74.0784, 86.9532



39.9043, 41.2502, 48.5074



8.7275, 9.1396, 10.8105



6.4527, 3.7057, 30.5122



0.2502, 0.2110, 0.9758

Inverse Universe

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



40.6971, 41.7274, 45.4464



72.3726, 73.9325, 80.5173



41.6333, 44.5440, 44.9322



8.9551, 9.1202, 9.9319



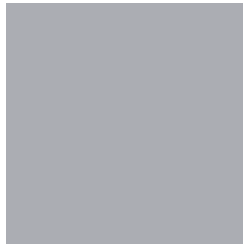
13.4917, 6.9142, 2.4831



0.4483, 0.2271, 0.2035

Previews

White Background



This preview shows how the XYZ color 39.8748, 41.7997, 48.6144 looks on a white background.

Color Contrast Check

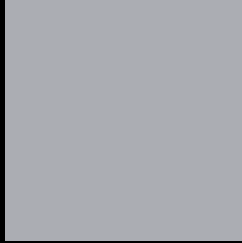
Large Text (above 18pt) WCAG AA × Fail

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 39.8748, 41.7997, 48.6144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

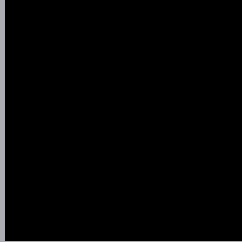
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.8748, 41.7997, 48.6144

Background



This preview shows how black text looks on a background with the XYZ color 39.8748, 41.7997, 48.6144.

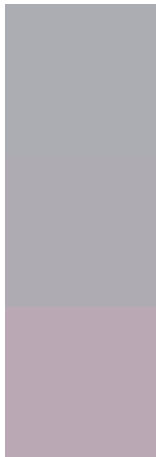


This preview shows how white text looks on a background with the XYZ color 39.8748, 41.7997,

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

39.8748, 41.7997, 48.6144

Protanopia

40.2440, 41.7181, 48.0508

Deuteranopia

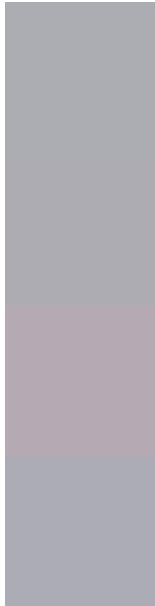
42.4906, 41.7397, 48.9971



Tritanopia

40.6287, 41.8209, 52.3852

Trichromacy



Original Color

39.8748, 41.7997, 48.6144

Protanomaly

40.0220, 41.6036, 48.0404

Deuteranomaly

41.6690, 41.8685, 49.0653

Tritanomaly

40.3130, 41.6946, 50.7229

Monochromacy



Original Color

39.8748, 41.7997, 48.6144

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

39.6947, 41.7529, 46.5244

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.8748, 41.7997, 48.6144 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(171, 173, 179)` looks like.

```
.text, #text, p{  
    color:rgb(171, 173, 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(171, 173, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 173, 179) }
```

Border

The CSS property to change the border of an element to XYZ 39.8748, 41.7997, 48.6144 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(171, 173, 179) }
```


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

```
.border{ border-color:rgb(171, 173, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 173, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 173, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 173, 179);  
box-shadow:4px 4px 4px 4px rgb(171, 173,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 39.8748, 41.7997, 48.6144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 173, 179) }
```

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

```
.background{ background-color: rgb(171,  
173, 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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