

Converting Colors

XYZ(38.1709, 39.4438, 48.2173)

Have a look what the booklet for
XYZ(38.1709, 39.4438, 48.2173)
contains.

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Color

**XYZ(38.2878, 39.5848,
48.2705)**

Conversions

Conversions Part 1

Format	Color
Hex	A8A8B3
RGB	168, 168, 179
RGB Percent	66%, 66%, 70%
CMY	0.3412, 0.3412, 0.2980
CMYK	0.06, 0.06, 0.00, 0.30
HSL	240°, 7%, 68%
HSV	240°, 6%, 70%
XYZ	38.2878, 39.5848, 48.2705
YIQ	169.2540, -3.5310, 3.4210

Conversions

Conversions Part 2

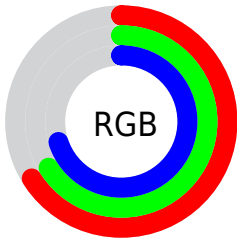
Format	Color
RYB	168, 168, 179
Decimal	11053235
CIELab	69.17, 2.15, -5.65
CIELCh	69, 6.044, 290.795
Yxy	39.5848, 0.3035, 0.3138
Android (android.graphics.Color)	4289243315 (0xFFA8A8B3)
YUV	169.2540, 4.8048, -1.0998
Hunter-Lab	62.9165, -1.4776, -1.4467

Details

The XYZ color **38.2878, 39.5848, 48.2705** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.7785, 44.6507, 43.4630**, and the grayscale version is **37.8170, 39.7864, 43.3274**.

A 20% lighter version of the original color is **71.8145, 74.4615, 89.1847**, and **17.2137, 17.7101, 22.2498** is the 20% darker color. If you saturate the color by 10%, you get **31.6568, 31.5956, 47.0785**, and if you desaturate by 10%, it is **45.9005, 48.7572, 49.6403**.

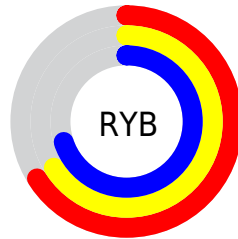
Distribution



Red (66%)

Green (66%)

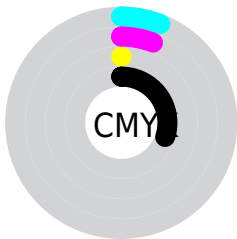
Blue (70%)



Red (66%)

Yellow (66%)

Blue (70%)

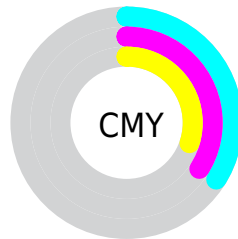


Cyan (6%)

Magenta (6%)

Yellow (0%)

Black (30%)



Cyan (34%)

Magenta (34%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.2878, 39.5848, 48.2705 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 38.2878, 39.5848, 48.2705 by changing the saturation by 10% instead.

■ 38.2878, 39.5848,
48.2705

■ 38.2878, 39.5848,
48.2705

330.1125,
344.3704, 396.4029

■ 26.3844, 27.2150,
33.6796

■ 71.8501, 74.5308,
88.9768

■ 17.2456, 17.7347,
22.3722

■ 94.2397, 97.8759,
115.9292

■ 10.5061, 10.7597,
13.9297

120.8554,
125.6480, 147.8393

■ 5.8006, 5.9055,
7.9336

152.0625,
158.2318, 185.1256

■ 2.7637, 2.7877,
3.9653

188.2264,
196.0115, 228.2065

■ 1.0301, 1.0219,
1.6063

229.7125,

■ 0.0000, 0.0000,

239.3716, 277.5007

0.2953

276.8860,
288.6965, 333.4266

■ 0.0000, 0.0000,
0.0000

■ 38.2878, 39.5848,
48.2705

■ 38.2878, 39.5848,
48.2705

■ 31.6568, 31.5956,
47.0785

■ 45.9005, 48.7572,
49.6403

■ 25.9641, 24.7366,
46.0547

■ 54.5287, 59.1529,
51.1921

■ 21.1685, 18.9585,
45.1921

■ 64.2093, 70.8163,
52.9332

■ 17.2243, 14.2060,
44.4827

■ 74.9759, 83.7882,
54.8695

■ 14.0817, 10.4192,
43.9174

■ 85.1368, 96.0347,
56.6978

■ 11.6858, 7.5322,
43.4864

■ 9.9747, 5.4702,
43.1786

■ 8.8770, 4.1472,
42.9811

■ 8.2985, 3.4499,
42.8770

Harmonies

Analogous

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



37.3277, 39.5848, 48.5711



38.2878, 39.5848, 48.2705



39.0826, 39.5848, 46.5535

Triad

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



38.2878, 39.5848, 48.2705



38.8111, 39.5848, 39.1071



35.8194, 39.5848, 42.2554

Complementary

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



38.2878, 39.5848, 48.2705



41.7785, 44.6507, 43.4630

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.



36.2024, 39.5848, 39.8238



38.2878, 39.5848, 48.2705



37.9222, 39.5848, 38.0580

Square

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



38.2878, 39.5848, 48.2705



39.3883, 39.5848, 41.2391



36.9682, 39.5848, 38.3146



35.9135, 39.5848, 45.0184

Rectangle

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



38.2878, 39.5848, 48.2705



39.4065, 39.5848, 44.8756



36.9682, 39.5848, 38.3146



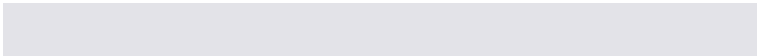
35.8964, 39.5848, 41.3740

Sweetspot

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



38.2890, 39.5865, 48.2714



73.9617, 77.3893, 87.4206



40.3874, 43.8130, 48.8794



16.4183, 17.1842, 19.3738



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.



38.2890, 39.5865, 48.2714



67.3416, 69.4131, 86.2300



39.4437, 40.1811, 48.3253



8.3287, 8.5757, 10.7226



5.7502, 2.3007, 30.2780



0.1810, 0.0725, 0.9527

Inverse Universe

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



39.6619, 40.4170, 42.7586



70.1714, 71.1249, 74.8673



40.5737, 44.0304, 43.4068



8.6967, 8.7983, 9.2448



13.1371, 6.7724, 0.6158



0.4134, 0.2131, 0.0195

Previews

White Background



This preview shows how the XYZ color 38.2878, 39.5848, 48.2705 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 38.2878, 39.5848, 48.2705 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

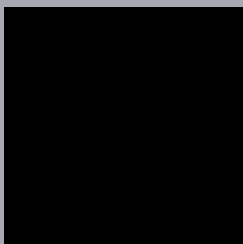
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

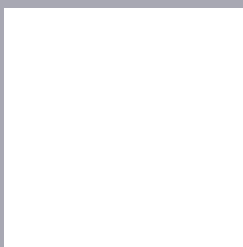
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.2878, 39.5848, 48.2705

Background



This preview shows how black text looks on a background with the XYZ color 38.2878, 39.5848, 48.2705.

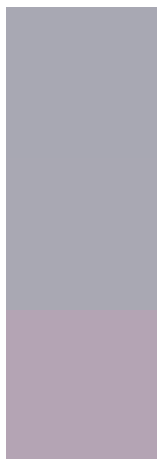


This preview shows how white text looks on a background with the XYZ color 38.2878, 39.5848,

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

38.2878, 39.5848, 48.2705

Protanopia

38.5015, 39.6950, 48.2805

Deuteranopia

40.3361, 39.5495, 48.6879



Tritanopia

38.4916, 39.6663, 49.3437

Trichromacy



Original Color

38.2878, 39.5848, 48.2705

Protanomaly

38.5015, 39.6950, 48.2805

Deuteranomaly

39.5978, 39.4357, 48.7048

Tritanomaly

38.3893, 39.6254, 48.8051

Monochromacy



Original Color

38.2878, 39.5848, 48.2705

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

38.0930, 39.8281, 45.2150

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.2878, 39.5848, 48.2705 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(168, 168, 179)` looks like.

```
.text, #text, p{  
    color:rgb(168, 168, 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(168, 168, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 168, 179) }
```

Border

The CSS property to change the border of an element to XYZ 38.2878, 39.5848, 48.2705 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(168, 168, 179) }
```


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

```
.border{ border-color:rgb(168, 168, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 168, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 168, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 168, 179);  
box-shadow:4px 4px 4px 4px rgb(168, 168,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 38.2878, 39.5848, 48.2705 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 168, 179) }
```

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

```
.background{ background-color: rgb(168,  
168, 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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