

Converting Colors

XYZ(38.6006, 38.4445, 48.6388)

Have a look what the booklet for
XYZ(38.6006, 38.4445, 48.6388)
contains.

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Color

**XYZ(38.5690, 38.3739,
48.5541)**

Conversions

Conversions Part 1

Format	Color
Hex	ADA3B4
RGB	173, 163, 180
RGB Percent	68%, 64%, 71%
CMY	0.3216, 0.3608, 0.2941
CMYK	0.04, 0.09, 0.00, 0.29
HSL	275°, 10%, 67%
HSV	275°, 9%, 71%
XYZ	38.5690, 38.3739, 48.5541
YIQ	167.9280, 0.5030, 7.4070

Conversions

Conversions Part 2

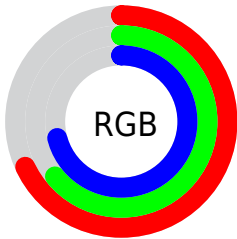
Format	Color
R_{YB}	173, 163, 180
Decimal	11379636
CIE Lab	68.30, 6.83, -7.46
CIE LCh	68, 10.116, 312.470
Yxy	38.3739, 0.3073, 0.3058
Android (android.graphics.Color)	4289569716 (0xFFADA3B4)
YUV	167.9280, 5.9515, 4.4481
Hunter-Lab	61.9467, 2.7303, -3.1091

Details

The XYZ color **38.5690, 38.3739, 48.5541** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.5110, 43.8339, 41.0305**, and the grayscale version is **37.1566, 39.0917, 42.5708**.

A 20% lighter version of the original color is **72.2066, 72.6929, 89.5823**, and **17.4004, 16.9661, 22.4364** is the 20% darker color. If you saturate the color by 10%, you get **34.0041, 31.6099, 47.4897**, and if you desaturate by 10%, it is **43.6820, 46.0978, 49.7761**.

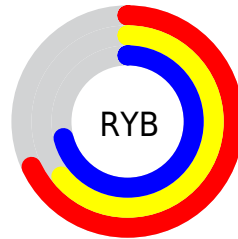
Distribution



Red (68%)

Green (64%)

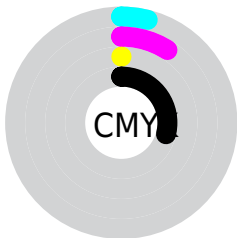
Blue (71%)



Red (68%)

Yellow (64%)

Blue (71%)

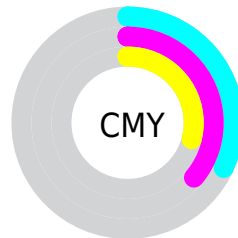


Cyan (4%)

Magenta (9%)

Yellow (0%)

Black (29%)



Cyan (32%)

Magenta (36%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.5690, 38.3739, 48.5541 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 38.5690, 38.3739, 48.5541 by changing the saturation by 10% instead.

■ 38.5690, 38.3739,
48.5541

■ 38.5690, 38.3739,
48.5541

331.2934,
339.2212, 397.5561

■ 26.6038, 26.2730,
33.9028

■ 72.2777, 72.6809,
89.4030

■ 17.4109, 17.0280,
22.5422

■ 94.7520, 95.6557,
116.4376

■ 10.6250, 10.2545,
14.0537

121.4600,
123.0241, 148.4371

■ 5.8807, 5.5680,
8.0189

152.7670,
155.1702, 185.8199

■ 2.8127, 2.5842,
4.0191

189.0386,
192.4786, 229.0047

■ 1.0555, 0.9187,
1.6358

230.6399,

■ 0.0000, 0.0000,

235.3336, 278.4100

0.3162

277.9364,
284.1197, 334.4543

■ 0.0000, 0.0000,
0.0000

■ 38.5690, 38.3739,
48.5541

■ 38.5690, 38.3739,
48.5541

■ 34.0041, 31.6099,
47.4897

■ 43.6820, 46.0978,
49.7761

■ 29.9634, 25.7620,
46.5739

■ 49.3591, 54.8135,
51.1591

■ 26.4260, 20.7901,
45.8007

■ 55.6199, 64.5573,
52.7099

■ 23.3682, 16.6491,
45.1625

■ 62.4819, 75.3623,
54.4338

■ 20.7643, 13.2899,
44.6514

■ 69.9619, 87.2599,
56.3361

■ 18.5860, 10.6581,
44.2582

■ 72.7558, 89.6404,
56.6483

■ 16.8009, 8.6917,
43.9728

■ 75.0155, 90.8053,
56.7540

■ 15.3717, 7.3185,
43.7830

■ 77.3755, 92.0219,
56.8645

■ 14.2272, 6.3989,
43.6658

■ 79.8371, 93.2909,
56.9797

Harmonies

Analogous

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



37.1350, 38.3739, 50.8932



38.5690, 38.3739, 48.5541



39.4559, 38.3739, 44.4660

Triad

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



38.5690, 38.3739, 48.5541



37.3985, 38.3739, 34.0034



33.5789, 38.3739, 43.6949

Complementary

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



38.5690, 38.3739, 48.5541



39.5110, 43.8339, 41.0305

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.



33.6449, 38.3739, 39.2095



38.5690, 38.3739, 48.5541



35.8194, 38.3739, 33.8299

Square

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



38.5690, 38.3739, 48.5541



38.7668, 38.3739, 36.1645



34.4548, 38.3739, 35.6720



34.2720, 38.3739, 47.9545

Rectangle

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



38.5690, 38.3739, 48.5541



39.6021, 38.3739, 41.4079



34.4548, 38.3739, 35.6720



33.5136, 38.3739, 42.1597

Sweetspot

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



38.5701, 38.3755, 48.5549



75.7426, 78.3271, 89.4212



37.7343, 39.8640, 48.8863



16.2087, 16.6842, 19.2883



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.



38.5701, 38.3755, 48.5549



68.4196, 67.3179, 87.6822



40.0153, 39.1371, 47.8731



8.5049, 8.4688, 10.6927



9.9655, 4.4732, 30.4752



0.3779, 0.1739, 0.9619

Inverse Universe

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



39.1766, 38.8017, 43.4567



69.7207, 68.2308, 76.8042



38.1654, 43.1255, 41.6339



8.6366, 8.5614, 9.5849



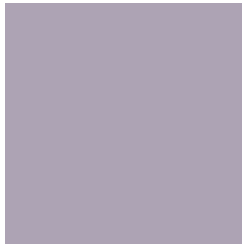
14.0343, 7.1313, 5.3405



0.4709, 0.2361, 0.3224

Previews

White Background



This preview shows how the XYZ color 38.5690, 38.3739, 48.5541 looks on a white background.

Color Contrast Check

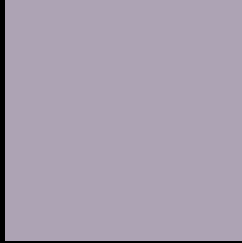
Large Text (above 18pt) WCAG AA × Fail

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 38.5690, 38.3739, 48.5541 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

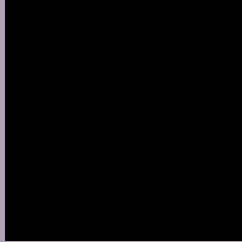
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.5690, 38.3739, 48.5541

Background



This preview shows how black text looks on a background with the XYZ color 38.5690, 38.3739, 48.5541.



This preview shows how white text looks on a background with the XYZ color 38.5690, 38.3739,

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

38.5690, 38.3739, 48.5541

Protanopia

37.3127, 38.2458, 49.1316

Deuteranopia

39.0630, 38.3661, 48.5266



Tritanopia

38.1252, 38.4562, 46.4877

Trichromacy



Original Color

38.5690, 38.3739, 48.5541

Protanomaly

37.7644, 38.2119, 49.1013

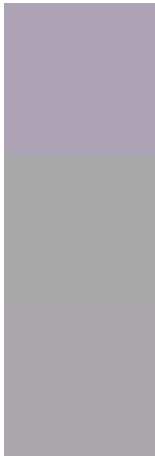
Deuteranomaly

38.8377, 38.2499, 48.5160

Tritanomaly

38.2245, 38.4959, 47.0108

Monochromacy



Original Color

38.5690, 38.3739, 48.5541

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

37.6602, 38.7970, 44.5334

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.5690, 38.3739, 48.5541 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(173, 163, 180)` looks like.

```
.text, #text, p{  
    color:rgb(173, 163, 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(173, 163, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 163, 180) }
```

Border

The CSS property to change the border of an element to XYZ 38.5690, 38.3739, 48.5541 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(173, 163, 180) }
```


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

```
.border{ border-color:rgb(173, 163, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 163, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 163, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 163, 180);  
box-shadow:4px 4px 4px 4px rgb(173, 163,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 38.5690, 38.3739, 48.5541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 163, 180) }
```

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

```
.background{ background-color: rgb(173,  
163, 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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