

Converting Colors

XYZ(38.0467, 39.7653, 34.2728)

Have a look what the booklet for
XYZ(38.0467, 39.7653, 34.2728)
contains.

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Color

**XYZ(38.0179, 39.7589,
34.1042)**

Conversions

Conversions Part 1

Format	Color
Hex	B3A895
RGB	179, 168, 149
RGB Percent	70%, 66%, 58%
CMY	0.2980, 0.3412, 0.4157
CMYK	0.00, 0.06, 0.17, 0.30
HSL	38°, 16%, 64%
HSV	38°, 17%, 70%
XYZ	38.0179, 39.7589, 34.1042
YIQ	169.1230, 12.6550, -3.5770

Conversions

Conversions Part 2

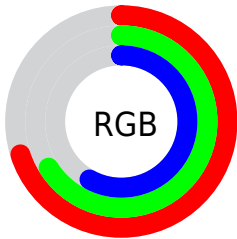
Format	Color
RYB	166, 179, 149
Decimal	11774101
CIELab	69.30, 0.74, 11.24
CIElCh	69, 11.264, 86.239
Yxy	39.7589, 0.3398, 0.3554
Android (android.graphics.Color)	4289964181 (0xFFB3A895)
YUV	169.1230, -9.9206, 8.6621
Hunter-Lab	63.0547, -2.7216, 12.0702

Details

The XYZ color **38.0179, 39.7589, 34.1042** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.1018, 34.7852, 47.6179**, and the grayscale version is **37.8170, 39.7864, 43.3274**.

A 20% lighter version of the original color is **71.4281, 74.7493, 67.1633**, and **17.0542, 17.8082, 14.0938** is the 20% darker color. If you saturate the color by 10%, you get **35.5166, 36.8701, 26.7534**, and if you desaturate by 10%, it is **40.8021, 42.8614, 42.6340**.

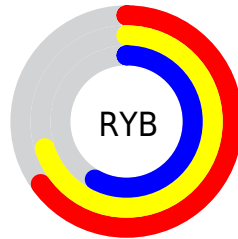
Distribution



Red (70%)

Green (66%)

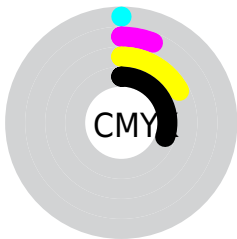
Blue (58%)



Red (65%)

Yellow (70%)

Blue (58%)

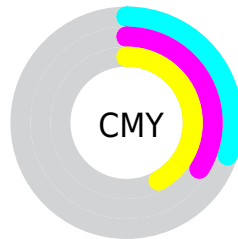


Cyan (0%)

Magenta (6%)

Yellow (17%)

Black (30%)



Cyan (30%)


Magenta (34%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.0179, 39.7589, 34.1042 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 38.0179, 39.7589, 34.1042 by changing the saturation by 10% instead.


 38.0179, 39.7589,
34.1042


 38.0179, 39.7589,
34.1042


328.9763,
345.1063, 335.3798

 26.1739, 27.3506,
22.6957


 71.4393, 74.7962,
67.2314

 17.0871, 17.8367,
14.1658


 93.7474, 98.1941,
89.7872

 10.3923, 10.8328,
8.0960

120.2741,
126.0239, 116.8957

 5.7241, 5.9545,
4.0678

151.3850,
158.6701, 148.9757

 2.7171, 2.8175,
1.6626

187.4453,
196.5170, 186.4455

 1.0060, 1.0372,
0.3349

228.8204,

 0.0000, 0.0000,

239.9491, 229.7238

0.0000

275.8756,
289.3507, 279.2290

■ 38.0179, 39.7589,
34.1042

■ 38.0179, 39.7589,
34.1042

■ 35.5166, 36.8701,
26.7534

■ 40.8021, 42.8614,
42.6340

■ 33.2843, 34.1839,
20.5261

■ 43.8763, 46.1777,
52.3897

■ 31.3101, 31.6960,
15.3661

■ 47.2513, 49.7148,
63.4191

■ 29.5816, 29.3997,
11.2112

■ 50.9361, 53.4779,
75.7663

■ 28.0847, 27.2880,
7.9930

■ 54.9397, 57.4716,
89.4734

■ 26.8039, 25.3530,
5.6341

■ 59.0438, 61.6101,
103.3877

■ 25.7211, 23.5860,
4.0448

■ 60.6704, 64.8634,
103.9300

■ 24.8119, 21.9755,
3.1005

■ 62.3639, 68.2505,
104.4945

■ 24.5391, 21.4807,
2.8528

■ 64.1251, 71.7728,
105.0815

Harmonies

Analogous

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



39.7529, 39.7589, 35.5363



38.0179, 39.7589, 34.1042



36.2747, 39.7589, 34.9674

Triad

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



38.0179, 39.7589, 34.1042



34.7591, 39.7589, 47.8392



40.7514, 39.7589, 49.0572

Complementary

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



38.0179, 39.7589, 34.1042



33.1018, 34.7852, 47.6179

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.



39.3461, 39.7589, 52.8398



38.0179, 39.7589, 34.1042



35.8921, 39.7589, 52.0982

Square

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



38.0179, 39.7589, 34.1042



34.4287, 39.7589, 42.6416



37.5623, 39.7589, 53.9944



41.3625, 39.7589, 43.9464

Rectangle

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



38.0179, 39.7589, 34.1042



35.3362, 39.7589, 36.7688



37.5623, 39.7589, 53.9944



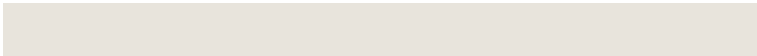
40.3541, 39.7589, 50.5415

Sweetspot

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



38.0190, 39.7607, 34.1050



73.9602, 77.7304, 79.1267



35.6835, 33.6172, 37.8663



16.3041, 17.1320, 17.2742



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.



38.0190, 39.7607, 34.1050



66.4298, 69.3144, 56.1318



39.2246, 43.5246, 34.7680



8.9299, 9.3724, 8.9909



17.4039, 15.3064, 2.0371



0.6009, 0.5882, 0.0819

Inverse Universe

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



33.1018, 34.7852, 47.6179



56.0087, 58.7707, 84.7731



32.0215, 31.5224, 47.0450



8.2886, 8.7233, 10.7532



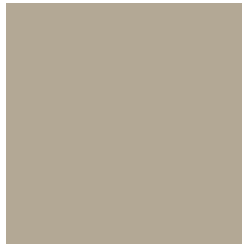
7.1680, 5.1363, 30.7506



0.2824, 0.2753, 0.9865

Previews

White Background



This preview shows how the XYZ color 38.0179, 39.7589, 34.1042 looks on a white background.

Color Contrast Check

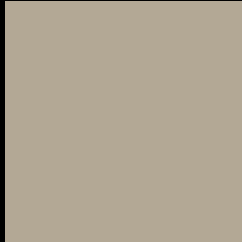
Large Text (above 18pt) WCAG AA × Fail

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 38.0179, 39.7589, 34.1042 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

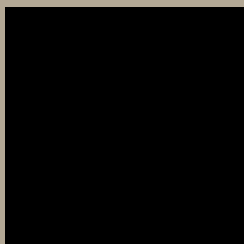
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

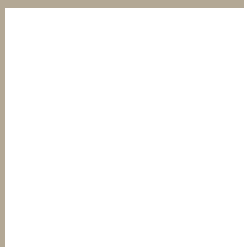
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.0179, 39.7589, 34.1042

Background



This preview shows how black text looks on a background with the XYZ color 38.0179, 39.7589, 34.1042.



This preview shows how white text looks on a background with the XYZ color 38.0179, 39.7589,

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

38.0179, 39.7589, 34.1042

Protanopia

37.7442, 39.8930, 34.1445

Deuteranopia

40.5945, 39.7339, 34.3840



Tritanopia

40.7397, 39.7925, 47.1285

Trichromacy



Original Color

38.0179, 39.7589, 34.1042

Protanomaly

37.9729, 40.0108, 34.1552

Deuteranomaly

39.6992, 39.8036, 34.4447

Tritanomaly

39.7216, 39.6454, 42.1180

Monochromacy



Original Color

38.0179, 39.7589, 34.1042

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

37.9431, 39.8688, 39.8780

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.0179, 39.7589, 34.1042 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, 168, 149) looks like.

```
.text, #text, p{  
    color:rgb(179, 168, 149)  
}
```

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, 168, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 168, 149) }
```

Border

The CSS property to change the border of an element to XYZ 38.0179, 39.7589, 34.1042 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, 168, 149) }
```


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

```
.border{ border-color:rgb(179, 168, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 168, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 168, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 168, 149);  
box-shadow:4px 4px 4px 4px rgb(179, 168,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 38.0179, 39.7589, 34.1042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 168, 149) }
```

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

```
.background{ background-color: rgb(179,  
168, 149) }
```

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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