

Converting Colors

XYZ(34.5222, 39.0319, 7.9051)

Have a look what the booklet for
XYZ(34.5222, 39.0319, 7.9051)
contains.

| | |
|--|----|
| XYZ(34.5598, 39.1070, 7.9174) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**XYZ(34.5598, 39.1070,
7.9174)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | B8AA2A |
| RGB | 184, 170, 42 |
| RGB Percent | 72%, 67%, 16% |
| CMY | 0.2784, 0.3333, 0.8353 |
| CMYK | 0.00, 0.08, 0.77, 0.28 |
| HSL | 54°, 63%, 44% |
| HSV | 54°, 77%, 72% |
| XYZ | 34.5598, 39.1070, 7.9174 |
| YIQ | 159.5940, 49.4320, -36.8400 |

Conversions

Conversions Part 2

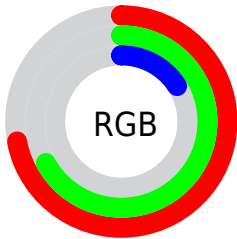
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 58, 184, 42 |
| Decimal | 12102186 |
| CIELab | 68.83, -8.77, 62.78 |
| CIELCh | 69, 63.388, 97.950 |
| Yxy | 39.1070, 0.4236, 0.4793 |
| Android (android.graphics.Color) | 4290292266 (0xFFB8AA2A) |
| YUV | 159.5940, -57.9738, 21.4041 |
| Hunter-Lab | 62.5356, -10.7907, 36.2684 |

Details

The XYZ color **34.5598, 39.1070, 7.9174** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **11.0208, 6.7813, 46.0751**, and the grayscale version is **33.4701, 35.2131, 38.3471**.

A 20% lighter version of the original color is **66.0920, 73.7870, 22.3142**, and **15.2308, 17.4689, 2.5691** is the 20% darker color. If you saturate the color by 10%, you get **33.9658, 38.3307, 6.4512**, and if you desaturate by 10%, it is **35.3114, 39.9568, 10.1827**.

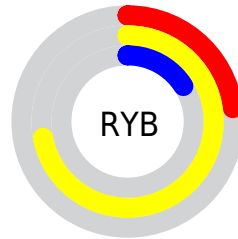
Distribution



Red (72%)

Green (67%)

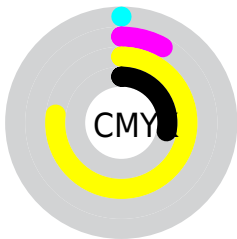
Blue (16%)



Red (23%)

Yellow (72%)

Blue (16%)

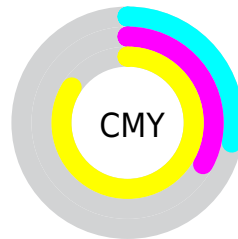


Cyan (0%)

Magenta (8%)

Yellow (77%)

Black (28%)



Cyan (28%)


Magenta (33%)


Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.5598, 39.1070, 7.9174 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 34.5598, 39.1070, 7.9174 by changing the saturation by 10% instead.


 34.5598, 39.1070,
7.9174


 34.5598, 39.1070,
7.9174


314.1632,
342.3452, 184.9930


 23.4889, 26.8430,
3.9551


 66.1418, 73.8018,
22.3398


 15.0776, 17.4553,
1.6008


 87.3836, 97.0013,
33.6371


 8.9605, 10.5597,
0.2914


 112.7464,
124.6147, 48.2164

 4.7724, 5.7716,
0.0000

 142.5956,
157.0266, 66.4964

 2.1477, 2.7067,
0.0000

 177.2965,
194.6211, 88.8955

 0.7150, 0.9806,
0.0000

 217.2145,

 0.0000, 0.0000,

237.7828, 115.8322

0.0000

262.7150,
286.8960, 147.7253

■ 34.5598, 39.1070,
7.9174

■ 34.5598, 39.1070,
7.9174

■ 33.9658, 38.3307,
6.4512

■ 35.3114, 39.9568,
10.1827

■ 33.5006, 37.6119,
5.6436

■ 36.2362, 40.8820,
13.3411

■ 33.3788, 37.4138,
5.4623

■ 37.3510, 41.8907,
17.4765

■ 38.6697, 42.9886,
22.6623

■ 40.2050, 44.1807,
28.9647

■ 41.9683, 45.4717,
36.4448

■ 43.9705, 46.8660,
45.1590

■ 46.2216, 48.3675,
55.1603

■ 48.7311, 49.9801,
66.4984

Harmonies

Analogous

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



44.9098, 39.1070, 9.1194



34.5598, 39.1070, 7.9174



26.5040, 39.1070, 12.1443

Triad

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



34.5598, 39.1070, 7.9174



23.9152, 39.1070, 86.5096



58.1208, 39.1070, 66.9301

Complementary

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



34.5598, 39.1070, 7.9174



11.0208, 6.7813, 46.0751

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.



50.3710, 39.1070, 102.8575



34.5598, 39.1070, 7.9174



30.3749, 39.1070, 117.2688

Square

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



34.5598, 39.1070, 7.9174



21.1234, 39.1070, 50.7067



39.9085, 39.1070, 124.3160



59.7911, 39.1070, 35.3731

Rectangle

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



34.5598, 39.1070, 7.9174



23.0746, 39.1070, 19.4406



39.9085, 39.1070, 124.3160



56.0807, 39.1070, 79.2348

Sweetspot

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



34.5607, 39.1089, 7.9182



74.0437, 80.9550, 57.3841



21.3140, 12.1341, 4.9864



15.7246, 17.2752, 11.3716



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



34.5607, 39.1089, 7.9182



60.9344, 68.5156, 10.5345



26.3408, 38.9754, 8.3257



9.6725, 10.3480, 9.5945



23.0336, 25.8436, 3.7743



0.8340, 0.9551, 0.1404

Inverse Universe

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



11.0208, 6.7813, 46.0751



16.6282, 7.8252, 82.8386



14.6039, 7.7585, 46.0748



8.5904, 8.8581, 11.3365



6.1382, 2.7361, 31.4577



0.2402, 0.1441, 1.1169

Previews

White Background



This preview shows how the XYZ color 34.5598, 39.1070, 7.9174 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 34.5598, 39.1070, 7.9174 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 34.5598, 39.1070, 7.9174

Background



This preview shows how black text looks on a background with the XYZ color 34.5598, 39.1070, 7.9174.



This preview shows how white text looks on a background with the XYZ color 34.5598, 39.1070,

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

34.5598, 39.1070, 7.9174

Protanopia

35.4068, 38.9912, 7.8504

Deuteranopia

39.7752, 38.8504, 8.0918



Tritanopia

41.8257, 38.8633, 43.8250

Trichromacy



Original Color

34.5598, 39.1070, 7.9174

Protanomaly

35.0994, 39.1079, 7.8891

Deuteranomaly

37.6582, 38.8014, 7.9872

Tritanomaly

37.7936, 38.2430, 24.4585

Monochromacy



Original Color

34.5598, 39.1070, 7.9174

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

32.8485, 36.2703, 22.0992

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.5598, 39.1070, 7.9174 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(184, 170, 42)` looks like.

```
.text, #text, p{  
    color:rgb(184, 170, 42)  
}
```

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(184, 170, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 170, 42) }
```

Border

The CSS property to change the border of an element to XYZ 34.5598, 39.1070, 7.9174 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(184, 170, 42) }
```


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

```
.border{ border-color:rgb(184, 170, 42) }
```

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

Here you see how a box with a 4 pixel rgb(184, 170, 42) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 170, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 170, 42);  
box-shadow:4px 4px 4px 4px rgb(184, 170,  
42) }
```

Background

The CSS property to change the background color of an element to XYZ 34.5598, 39.1070, 7.9174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 170, 42) }
```

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

```
.background{ background-color: rgb(184,  
170, 42) }
```

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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