

Converting Colors

XYZ(35.6479, 39.3842, 8.2057)

Have a look what the booklet for
XYZ(35.6479, 39.3842, 8.2057)
contains.

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Color

**XYZ(35.6479, 39.3842,
8.2057)**

Conversions

Conversions Part 1

Format	Color
Hex	BDA92D
RGB	189, 169, 45
RGB Percent	74%, 66%, 18%
CMY	0.2588, 0.3372, 0.8235
CMYK	0.00, 0.11, 0.76, 0.26
HSL	52°, 62%, 46%
HSV	52°, 76%, 74%
XYZ	35.6479, 39.3842, 8.2057
YIQ	160.8440, 51.7240, -34.3240

Conversions

Conversions Part 2

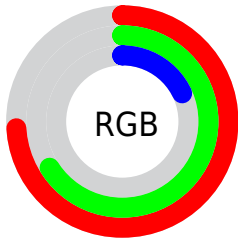
Format	Color
R_{YB}	68, 189, 45
Decimal	12429613
CIE _{Lab}	69.03, -5.92, 62.12
CIE _{LCh}	69, 62.404, 95.446
Yxy	39.3842, 0.4283, 0.4732
Android (android.graphics.Color)	4290619693 (0xFFBDA92D)
YUV	160.8440, -57.1111, 24.6928
Hunter-Lab	62.7568, -8.4307, 36.1774

Details

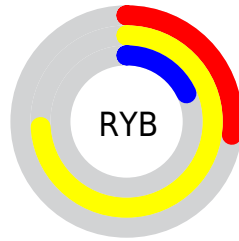
The XYZ color **35.6479, 39.3842, 8.2057** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **12.1579, 8.0126, 49.0496**, and the grayscale version is **34.0449, 35.8179, 39.0056**.

A 20% lighter version of the original color is **67.6673, 74.1879, 22.8098**, and **15.8770, 17.6281, 2.5658** is the 20% darker color. If you saturate the color by 10%, you get **34.8793, 38.3049, 6.5387**, and if you desaturate by 10%, it is **36.5909, 40.5520, 10.7351**.

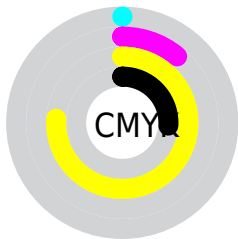
Distribution



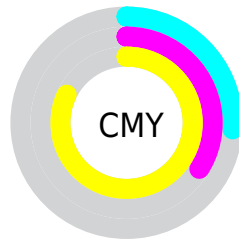
- Red (74%)
- Green (66%)
- Blue (18%)



- Red (27%)
- Yellow (74%)
- Blue (18%)



- Cyan (0%)
- Magenta (11%)
- Yellow (76%)
- Black (26%)





- Cyan (26%)
- Magenta (34%)
- Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.6479, 39.3842, 8.2057 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 35.6479, 39.3842, 8.2057 by changing the saturation by 10% instead.


 35.6479, 39.3842,
8.2057


 35.6479, 39.3842,
8.2057


318.8771,
343.5212, 187.3311


 24.3312, 27.0587,
4.1372


 67.8157, 74.2249,
22.9135

 15.7056, 17.6173,
1.7009


 89.3975, 97.5089,
34.3899


 9.4056, 10.6756,
0.3614


 115.1318,
125.2145, 49.1727

 5.0659, 5.8492,
0.0000

 145.3839,
157.7262, 67.6804

 2.3211, 2.7536,
0.0000

 180.5191,
195.4283, 90.3315

 0.8054, 1.0045,
0.0000

 220.9028,

 0.0000, 0.0000,

238.7053, 117.5446

0.0000

266.9003,
287.9414, 149.7383

■ 35.6479, 39.3842,
8.2057

■ 35.6479, 39.3842,
8.2057

■ 34.8793, 38.3049,
6.5387

■ 36.5909, 40.5520,
10.7351

■ 34.2575, 37.2983,
5.6006

■ 37.7251, 41.8105,
14.2261

■ 34.0400, 36.9265,
5.3334

■ 39.0679, 43.1684,
18.7669

■ 40.6341, 44.6316,
24.4354

■ 42.4372, 46.2055,
31.3017

■ 44.4895, 47.8953,
39.4305

■ 46.8025, 49.7055,
48.8816

■ 49.3867, 51.6405,
59.7113

■ 52.2523, 53.7044,
71.9723

Harmonies

Analogous

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



45.9548, 39.3842, 9.8693



35.6479, 39.3842, 8.2057



27.4034, 39.3842, 11.9527

Triad

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



35.6479, 39.3842, 8.2057



23.9170, 39.3842, 83.1261



57.6582, 39.3842, 69.9016

Complementary

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



35.6479, 39.3842, 8.2057



12.1579, 8.0126, 49.0496

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.



49.6536, 39.3842, 104.7539



35.6479, 39.3842, 8.2057



30.0366, 39.3842, 114.4666

Square

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



35.6479, 39.3842, 8.2057



21.4427, 39.3842, 48.2929



39.2778, 39.3842, 123.7608



59.8771, 39.3842, 37.8925

Rectangle

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



35.6479, 39.3842, 8.2057



23.7906, 39.3842, 18.7182



39.2778, 39.3842, 123.7608



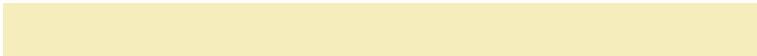
55.4932, 39.3842, 82.0450

Sweetspot

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



35.6488, 39.3861, 8.2065



76.9961, 83.5867, 59.9335



22.9260, 13.0964, 6.5676



16.2858, 17.7460, 11.8273



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



35.6488, 39.3861, 8.2065



61.7446, 67.4607, 10.5276



29.2522, 42.0392, 9.0557



10.2062, 10.8885, 10.1404



22.9451, 24.9290, 3.6024



0.9303, 1.0396, 0.1516

Inverse Universe

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



12.1579, 8.0126, 49.0496



18.0540, 9.2943, 87.0686



14.8851, 8.0058, 48.9046



9.1205, 9.4333, 12.0123



6.4662, 3.0441, 32.6397



0.2882, 0.1891, 1.2902

Previews

White Background



This preview shows how the XYZ color 35.6479, 39.3842, 8.2057 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 35.6479, 39.3842, 8.2057 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 35.6479, 39.3842, 8.2057

Background



This preview shows how black text looks on a background with the XYZ color 35.6479, 39.3842, 8.2057.



This preview shows how white text looks on a background with the XYZ color 35.6479, 39.3842,

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

35.6479, 39.3842, 8.2057

Protanopia

35.6479, 39.3842, 8.2057

Deuteranopia

39.9892, 39.2122, 8.3668



Tritanopia

42.7713, 39.3618, 43.3735

Trichromacy



Original Color

35.6479, 39.3842, 8.2057

Protanomaly

35.6479, 39.3842, 8.2057

Deuteranomaly

38.2593, 39.1043, 8.3277

Tritanomaly

39.1277, 38.9234, 24.8528

Monochromacy



Original Color

35.6479, 39.3842, 8.2057

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

33.3998, 36.5408, 22.7455

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.6479, 39.3842, 8.2057 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(189, 169, 45)` looks like.

```
.text, #text, p{  
    color:rgb(189, 169, 45)  
}
```

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(189, 169, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 169, 45) }
```

Border

The CSS property to change the border of an element to XYZ 35.6479, 39.3842, 8.2057 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(189, 169, 45) }
```


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

```
.border{ border-color:rgb(189, 169, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 169, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 169, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 169, 45);  
box-shadow:4px 4px 4px 4px rgb(189, 169,  
45) }
```

Background

The CSS property to change the background color of an element to XYZ 35.6479, 39.3842, 8.2057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 169, 45) }
```

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

```
.background{ background-color: rgb(189,  
169, 45) }
```

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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