

Converting Colors

XYZ(34.4458, 39.6383, 6.6996)

Have a look what the booklet for
XYZ(34.4458, 39.6383, 6.6996)
contains.

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Color

**XYZ(34.4458, 39.6383,
6.6996)**

Conversions

Conversions Part 1

Format	Color
Hex	B7AC18
RGB	183, 172, 24
RGB Percent	72%, 67%, 9%
CMY	0.2824, 0.3255, 0.9058
CMYK	0.00, 0.06, 0.87, 0.28
HSL	56°, 77%, 41%
HSV	56°, 87%, 72%
XYZ	34.4458, 39.6383, 6.6996
YIQ	158.4170, 54.0640, -43.6960

Conversions

Conversions Part 2

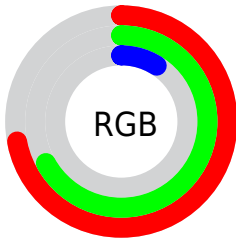
Format	Color
RYB	36, 183, 24
Decimal	12037144
CIELab	69.21, -10.81, 67.96
CIELCh	69, 68.813, 99.037
Yxy	39.6383, 0.4264, 0.4907
Android (android.graphics.Color)	4290227224 (0xFFB7AC18)
YUV	158.4170, -66.2676, 21.5593
Hunter-Lab	62.9590, -12.5181, 37.7621

Details

The XYZ color **34.4458, 39.6383, 6.6996** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **9.5251, 4.8154, 45.2267**, and the grayscale version is **32.9651, 34.6818, 37.7685**.

A 20% lighter version of the original color is **65.8073, 74.5035, 19.9290**, and **15.3207, 17.8686, 2.6415** is the 20% darker color. If you saturate the color by 10%, you get **34.0733, 39.1073, 5.9165**, and if you desaturate by 10%, it is **34.9472, 40.2276, 8.1423**.

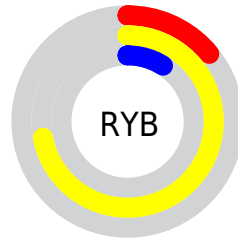
Distribution



Red (72%)

Green (67%)

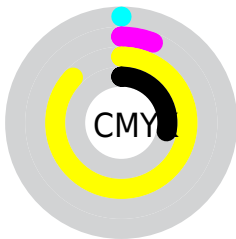
Blue (9%)



Red (14%)

Yellow (72%)

Blue (9%)

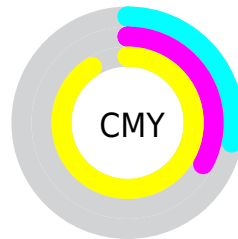


Cyan (0%)

Magenta (6%)

Yellow (87%)

Black (28%)



Cyan (28%)


Magenta (33%)


Yellow (91%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.4458, 39.6383, 6.6996 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 34.4458, 39.6383, 6.6996 by changing the saturation by 10% instead.


 34.4458, 39.6383,
6.6996


 34.4458, 39.6383,
6.6996


313.6664,
344.5967, 174.6789

 23.4008, 27.2566,
3.1994


 65.9660, 74.6124,
19.8688

 15.0121, 17.7661,
1.1973


 87.1720, 97.9737,
30.3748

 8.9142, 10.7822,
0.0000


 112.4956,
125.7636, 44.0531

 4.7419, 5.9206,
0.0000

 142.3022,
158.3665, 61.3223

 2.1298, 2.7968,
0.0000

 176.9573,
196.1669, 82.6010

 0.7054, 1.0266,
0.0000

 216.8261,

 0.0000, 0.0000,

239.5491, 108.3076

0.0000

262.2740,
288.8976, 138.8607

■ 34.4458, 39.6383,
6.6996

■ 34.4458, 39.6383,
6.6996

■ 34.0733, 39.1073,
5.9165

■ 34.9472, 40.2276,
8.1423

■ 33.9677, 38.9462,
5.7271

■ 35.5998, 40.8795,
10.3740

■ 36.4226, 41.6032,
13.4902

■ 37.4310, 42.4048,
17.5723

■ 38.6386, 43.2899,
22.6927

■ 40.0581, 44.2633,
28.9165

■ 41.7006, 45.3298,
36.3038

■ 43.5768, 46.4934,
44.9102

■ 45.6967, 47.7583,
54.7877

Harmonies

Analogous

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



45.7700, 39.6383, 7.6864



34.4458, 39.6383, 6.6996



25.8500, 39.6383, 11.1132

Triad

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



34.4458, 39.6383, 6.6996



23.5046, 39.6383, 93.7307



61.1102, 39.6383, 68.6947

Complementary

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



34.4458, 39.6383, 6.6996



9.5251, 4.8154, 45.2267

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.



52.6475, 39.6383, 109.4803



34.4458, 39.6383, 6.6996



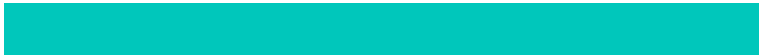
30.5957, 39.6383, 128.1710

Square

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



34.4458, 39.6383, 6.6996



20.3931, 39.6383, 53.4032



41.1000, 39.6383, 135.0275



62.6957, 39.6383, 34.3172

Rectangle

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



34.4458, 39.6383, 6.6996



22.2780, 39.6383, 18.8732



41.1000, 39.6383, 135.0275



58.9064, 39.6383, 82.4827

Sweetspot

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



34.4467, 39.6402, 6.7004



71.8681, 79.3583, 52.3406



20.1930, 10.8560, 2.8027



15.6686, 17.3903, 10.6532



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.



34.4467, 39.6402, 6.7004



60.7660, 69.6121, 10.2338



24.4012, 37.6974, 6.8549



9.6956, 10.3942, 9.6022



23.7173, 27.2110, 4.0022



0.8521, 0.9913, 0.1464

Inverse Universe

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



9.5251, 4.8154, 45.2267



15.4992, 6.5057, 80.6745



13.1152, 6.2589, 45.3161



8.5697, 8.8165, 11.3295



6.0796, 2.6189, 31.4381



0.2313, 0.1262, 1.1139

Previews

White Background



This preview shows how the XYZ color 34.4458, 39.6383, 6.6996 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 34.4458, 39.6383, 6.6996 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 34.4458, 39.6383, 6.6996

Background



This preview shows how black text looks on a background with the XYZ color 34.4458, 39.6383, 6.6996.



This preview shows how white text looks on a background with the XYZ color 34.4458, 39.6383,

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

34.4458, 39.6383, 6.6996

Protanopia

35.5778, 39.3849, 6.5375

Deuteranopia

40.2859, 39.3976, 6.9200



Tritanopia

42.0095, 39.4576, 44.4317

Trichromacy



Original Color

34.4458, 39.6383, 6.6996

Protanomaly

35.0229, 39.3761, 6.5651

Deuteranomaly

37.8669, 39.2012, 6.7991

Tritanomaly

37.5317, 38.6777, 22.6270

Monochromacy



Original Color

34.4458, 39.6383, 6.6996

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

31.7939, 35.5140, 19.6472

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.4458, 39.6383, 6.6996 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(183, 172, 24)` looks like.

```
.text, #text, p{  
    color:rgb(183, 172, 24)  
}
```

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(183, 172, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 172, 24) }
```

Border

The CSS property to change the border of an element to XYZ 34.4458, 39.6383, 6.6996 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(183, 172, 24) }
```


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

```
.border{ border-color:rgb(183, 172, 24) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 172, 24)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 172, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 172, 24);  
box-shadow:4px 4px 4px 4px rgb(183, 172,  
24) }
```

Background

The CSS property to change the background color of an element to XYZ 34.4458, 39.6383, 6.6996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 172, 24) }
```

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

```
.background{ background-color: rgb(183,  
172, 24) }
```

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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