

Converting Colors

XYZ(32.5217, 39.7980, 5.9677)

Have a look what the booklet for
XYZ(32.5217, 39.7980, 5.9677)
contains.

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Color

**XYZ(32.5386, 39.8213,
5.9713)**

Conversions

Conversions Part 1

Format	Color
Hex	ACB000
RGB	172, 176, 0
RGB Percent	67%, 69%, 0%
CMY	0.3255, 0.3098, 0.9999
CMYK	0.02, 0.00, 1.00, 0.31
HSL	61°, 100%, 35%
HSV	61°, 100%, 69%
XYZ	32.5386, 39.8213, 5.9713
YIQ	154.7400, 54.1120, -55.5840

Conversions

Conversions Part 2

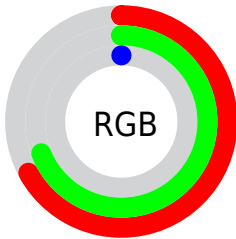
Format	Color
RYB	0, 176, 4
Decimal	11317248
CIELab	69.34, -18.08, 71.16
CIELCh	69, 73.416, 104.255
Yxy	39.8213, 0.4154, 0.5084
Android (android.graphics.Color)	4289507328 (0xFFACB000)
YUV	154.7400, -76.2868, 15.1370
Hunter-Lab	63.1041, -18.3916, 38.5625

Details

The XYZ color **32.5386, 39.8213, 5.9713** is a dark color, and the websafe version is hex **CCCC33**. A complement of this color would be **7.8875, 3.1611, 41.2712**, and the grayscale version is **31.3523, 32.9851, 35.9207**.

A 20% lighter version of the original color is **62.9061, 74.6908, 18.3090**, and **14.2779, 18.0601, 2.7334** is the 20% darker color. If you saturate the color by 10%, you get **32.5393, 39.8231, 5.9716**, and if you desaturate by 10%, it is **32.7335, 39.9109, 6.5343**.

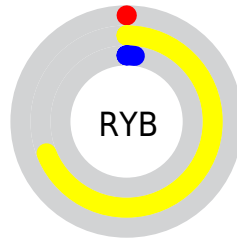
Distribution



Red (67%)

Green (69%)

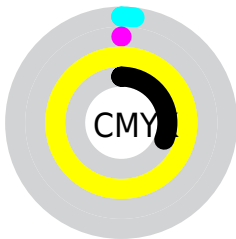
Blue (0%)



Red (0%)

Yellow (69%)

Blue (2%)

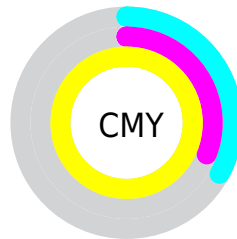


Cyan (2%)

Magenta (0%)

Yellow (100%)

Black (31%)



Cyan (33%)


Magenta (31%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.5386, 39.8213, 5.9713 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 32.5386, 39.8213, 5.9713 by changing the saturation by 10% instead.


 32.5386, 39.8213,
5.9713

 32.5386, 39.8213,
5.9713


305.2674,
345.3698, 168.1119

 21.9308, 27.3992,
2.7591


 63.0140, 74.8913,
18.3479


 13.9223, 17.8733,
0.9730


 83.6123, 98.3081,
28.3495


 8.1480, 10.8591,
0.0000


 108.2714,
126.1585, 41.4512

 4.2424, 5.9721,
0.0000

 137.3568,
158.8270, 58.0717

 1.8402, 2.8281,
0.0000

 171.2337,
196.6980, 78.6295

 0.5417, 1.0427,
0.0000

 210.2675,

 0.0000, 0.0000,

240.1559, 103.5431

0.0000

254.8236,
289.5850, 133.2311

■ 32.5386, 39.8213,
5.9713

■ 32.5386, 39.8213,
5.9713

■ 32.5393, 39.8231,
5.9716

■ 32.7335, 39.9109,
6.5343

■ 33.0224, 40.0367,
7.5945

■ 33.4428, 40.2151,
9.3460

■ 34.0120, 40.4530,
11.8795

■ 34.7446, 40.7564,
15.2723

■ 35.6535, 41.1303,
19.5921

■ 36.7503, 41.5793,
24.9000

■ 38.0457, 42.1079,
31.2519

■ 39.5494, 42.7198,
38.6995

Harmonies

Analogous

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



44.3374, 39.8213, 6.0886



32.5386, 39.8213, 5.9713



24.1348, 39.8213, 11.5070

Triad

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



32.5386, 39.8213, 5.9713



23.8274, 39.8213, 106.2504



64.1183, 39.8213, 63.4623

Complementary

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



32.5386, 39.8213, 5.9713



7.8875, 3.1611, 41.2712

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.



55.9682, 39.8213, 108.4349



32.5386, 39.8213, 5.9713



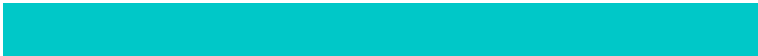
32.0265, 39.8213, 140.6244

Square

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



32.5386, 39.8213, 5.9713



19.8597, 39.8213, 61.3834



43.7078, 39.8213, 141.5839



64.3353, 39.8213, 29.2607

Rectangle

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



32.5386, 39.8213, 5.9713



20.8864, 39.8213, 20.8359



43.7078, 39.8213, 141.5839



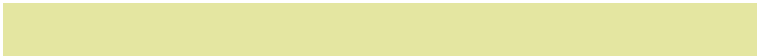
62.1504, 39.8213, 78.1009

Sweetspot

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



32.5395, 39.8232, 5.9721



66.5337, 75.3596, 44.5958



17.9377, 9.2947, 0.8491



14.2342, 16.2561, 8.7676



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



32.5395, 39.8232, 5.9721



58.9842, 72.2073, 10.8286



19.2797, 32.9875, 5.3516



9.1776, 9.8966, 9.0791



23.8804, 29.2209, 4.3816



0.7573, 0.9225, 0.1381

Inverse Universe

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



7.8875, 3.1611, 41.2712



14.2782, 5.7188, 74.8466



12.1460, 5.3565, 41.4705



8.0592, 8.2391, 10.6719



5.7934, 2.3224, 30.2799



0.1882, 0.0761, 0.9530

Previews

White Background



This preview shows how the XYZ color 32.5386, 39.8213, 5.9713 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 32.5386, 39.8213, 5.9713 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 32.5386, 39.8213, 5.9713

Background



This preview shows how black text looks on a background with the XYZ color 32.5386, 39.8213, 5.9713.



This preview shows how white text looks on a background with the XYZ color 32.5386, 39.8213,

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

32.5386, 39.8213, 5.9713

Protanopia

35.8606, 39.8258, 5.7971

Deuteranopia

40.5002, 39.5169, 6.5298



Tritanopia

40.8791, 39.8759, 46.6165

Trichromacy



Original Color

32.5386, 39.8213, 5.9713

Protanomaly

34.5197, 39.6954, 5.8426

Deuteranomaly

37.2906, 39.4550, 6.1805

Tritanomaly

35.7497, 38.8784, 20.9493

Monochromacy



Original Color

32.5386, 39.8213, 5.9713

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

30.0473, 34.6723, 16.9131

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.5386, 39.8213, 5.9713 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(172, 176, 0)` looks like.

```
.text, #text, p{  
    color:rgb(172, 176, 0)  
}
```

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(172, 176, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 176, 0) }
```

Border

The CSS property to change the border of an element to XYZ 32.5386, 39.8213, 5.9713 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(172, 176, 0) }
```


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

```
.border{ border-color:rgb(172, 176, 0) }
```

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

Here you see how a box with a 4 pixel rgb(172, 176, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 176, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 176, 0);  
box-shadow:4px 4px 4px 4px rgb(172, 176,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 32.5386, 39.8213, 5.9713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 176, 0) }
```

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

```
.background{ background-color: rgb(172,  
176, 0) }
```

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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