

Converting Colors

XYZ(27.5023, 39.9322, 6.2582)

Have a look what the booklet for
XYZ(27.5023, 39.9322, 6.2582)
contains.

XYZ(27.5023, 39.9322, 6.2582)	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(27.5023, 39.9322,
6.2582)**

Conversions

Conversions Part 1

Format	Color
Hex	88B900
RGB	136, 185, 0
RGB Percent	53%, 73%, 0%
CMY	0.4667, 0.2745, 0.9999
CMYK	0.26, 0.00, 1.00, 0.27
HSL	76°, 100%, 36%
HSV	76°, 100%, 73%
XYZ	27.5023, 39.9322, 6.2582
YIQ	149.2590, 30.1810, -67.9230

Conversions

Conversions Part 2

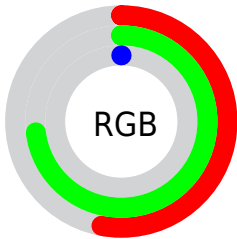
Format	Color
RYB	0, 185, 49
Decimal	8960256
CIELab	69.42, -37.49, 70.09
CIELCh	69, 79.488, 118.137
Yxy	39.9322, 0.3732, 0.5419
Android (android.graphics.Color)	4287150336 (0xFF88B900)
YUV	149.2590, -73.5847, -11.6281
Hunter-Lab	63.1919, -32.8994, 38.3626

Details

The XYZ color **27.5023, 39.9322, 6.2582** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **10.0255, 4.1570, 46.1753**, and the grayscale version is **28.9698, 30.4785, 33.1911**.

A 20% lighter version of the original color is **55.1147, 74.9444, 18.9580**, and **11.4757, 18.1648, 2.9013** is the 20% darker color. If you saturate the color by 10%, you get **27.5022, 39.9335, 6.2584**, and if you desaturate by 10%, it is **28.4309, 40.3991, 6.8942**.

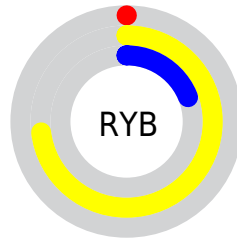
Distribution



Red (53%)

Green (73%)

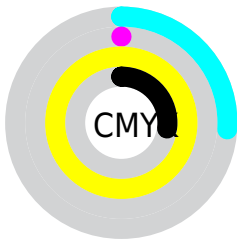
Blue (0%)



Red (0%)

Yellow (73%)

Blue (19%)

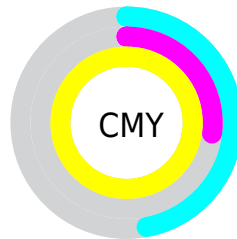


Cyan (26%)

Magenta (0%)

Yellow (100%)

Black (27%)



Cyan (47%)


Magenta (27%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.5023, 39.9322, 6.2582 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 27.5023, 39.9322, 6.2582 by changing the saturation by 10% instead.


 27.5023, 39.9322,
6.2582


 27.5023, 39.9322,
6.2582


282.2044,
345.8377, 170.7392


 18.0894, 27.4857,
2.9314


 55.1031, 75.0603,
18.9513


 11.1142, 17.9383,
1.0597


 74.0216, 98.5106,
29.1548

 6.2116, 10.9057,
0.0000


 96.8394, 126.3977,
42.4875

 3.0160, 6.0035,
0.0000

 123.9218,
159.1058, 59.3680

 1.1623, 2.8472,
0.0000

 155.6341,
197.0195, 80.2149

 0.0762, 1.0525,
0.0000

 192.3418,

 0.0000, 0.0000,

240.5232, 105.4467

0.0000

234.4101,
290.0011, 135.4820

■ 27.5023, 39.9322,
6.2582

■ 27.5023, 39.9322,
6.2582

■ 27.5022, 39.9335,
6.2584

■ 28.4309, 40.3991,
6.8942

■ 29.5029, 40.9263,
8.0966

■ 30.7594, 41.5315,
10.0756

■ 32.2204, 42.2229,
12.9342

■ 33.9029, 43.0073,
16.7598

■ 35.8220, 43.8909,
21.6294

■ 37.9912, 44.8790,
27.6120

■ 40.4229, 45.9767,
34.7709

■ 43.1288, 47.1886,
43.1644

Harmonies

Analogous

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



38.7590, 39.9322, 4.2479



27.5023, 39.9322, 6.2582



20.6710, 39.9322, 15.8990

Triad

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



27.5023, 39.9322, 6.2582



26.4008, 39.9322, 134.8656



68.2052, 39.9322, 45.8082

Complementary

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



27.5023, 39.9322, 6.2582



10.0255, 4.1570, 46.1753

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.



62.8936, 39.9322, 92.2358



27.5023, 39.9322, 6.2582



37.1609, 39.9322, 158.6214

Square

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



27.5023, 39.9322, 6.2582



20.1427, 39.9322, 85.8453



50.7668, 39.9322, 139.7916



64.0192, 39.9322, 18.0132

Rectangle

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



27.5023, 39.9322, 6.2582



18.6225, 39.9322, 30.5537



50.7668, 39.9322, 139.7916



67.4512, 39.9322, 59.6163

Sweetspot

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



27.5032, 39.9340, 6.2591



67.8325, 80.2803, 48.8638



20.9962, 12.2898, 1.2661



14.2631, 17.1431, 9.5237



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.



27.5032, 39.9340, 6.2591



49.0215, 71.3971, 11.1973



18.4888, 35.2869, 5.8372



9.5118, 10.3805, 9.6092



18.7971, 27.2266, 4.2645



0.7177, 0.9882, 0.1529

Inverse Universe

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



10.0255, 4.1570, 46.1753



17.7656, 7.3468, 82.6863



19.3648, 8.9716, 46.6124



8.7383, 8.8315, 11.3235



6.8855, 2.8608, 31.4424



0.3032, 0.1320, 1.1113

Previews

White Background



This preview shows how the XYZ color 27.5023, 39.9322, 6.2582 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 27.5023, 39.9322, 6.2582 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 27.5023, 39.9322, 6.2582

Background



This preview shows how black text looks on a background with the XYZ color 27.5023, 39.9322, 6.2582.



This preview shows how white text looks on a background with the XYZ color 27.5023, 39.9322,

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

27.5023, 39.9322, 6.2582

Protanopia

35.6738, 39.4523, 5.7348

Deuteranopia

40.3001, 39.4032, 6.9949



Tritanopia

36.7523, 39.8225, 52.2038

Trichromacy



Original Color

27.5023, 39.9322, 6.2582

Protanomaly

32.1246, 39.3179, 5.8960

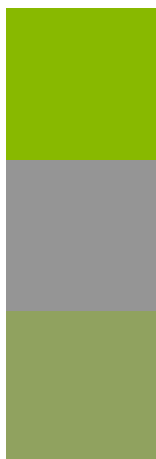
Deuteranomaly

34.3404, 38.7481, 6.4283

Tritanomaly

31.0248, 38.9553, 23.0235

Monochromacy



Original Color

27.5023, 39.9322, 6.2582

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

26.4875, 32.5962, 15.7221

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.5023, 39.9322, 6.2582 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(136, 185, 0)` looks like.

```
.text, #text, p{  
    color:rgb(136, 185, 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(136, 185, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 185, 0) }
```

Border

The CSS property to change the border of an element to XYZ 27.5023, 39.9322, 6.2582 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(136, 185, 0) }
```


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

```
.border{ border-color:rgb(136, 185, 0) }
```

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

Here you see how a box with a 4 pixel rgb(136, 185, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 185, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 185, 0);  
box-shadow:4px 4px 4px 4px rgb(136, 185,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 27.5023, 39.9322, 6.2582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 185, 0) }
```

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

```
.background{ background-color: rgb(136,  
185, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor