

Converting Colors

XYZ(27.8983, 35.4439, 5.3710)

Have a look what the booklet for
XYZ(27.8983, 35.4439, 5.3710)
contains.

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Color

**XYZ(27.8983, 35.4439,
5.3710)**

Conversions

Conversions Part 1

Format	Color
Hex	9CA900
RGB	156, 169, 0
RGB Percent	61%, 66%, 0%
CMY	0.3882, 0.3372, 0.9999
CMYK	0.08, 0.00, 1.00, 0.34
HSL	65°, 100%, 33%
HSV	65°, 100%, 66%
XYZ	27.8983, 35.4439, 5.3710
YIQ	145.8470, 46.5010, -55.3150

Conversions

Conversions Part 2

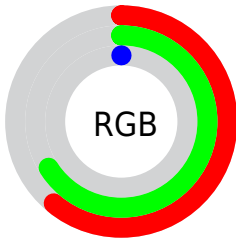
Format	Color
RYB	0, 169, 13
Decimal	10266880
CIELab	66.09, -21.56, 68.19
CIELCh	66, 71.517, 107.545
Yxy	35.4439, 0.4060, 0.5158
Android (android.graphics.Color)	4288456960 (0xFF9CA900)
YUV	145.8470, -71.9026, 8.9042
Hunter-Lab	59.5348, -20.5399, 36.3254

Details

The XYZ color **27.8983, 35.4439, 5.3710** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **7.3284, 2.9509, 37.7217**, and the grayscale version is **27.5325, 28.9664, 31.5444**.

A 20% lighter version of the original color is **55.6917, 68.1293, 17.0525**, and **11.6168, 15.4319, 2.3664** is the 20% darker color. If you saturate the color by 10%, you get **27.8988, 35.4454, 5.3712**, and if you desaturate by 10%, it is **28.2526, 35.6162, 5.9125**.

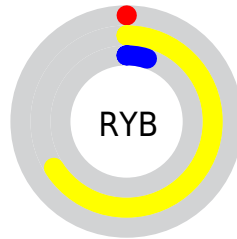
Distribution



Red (61%)

Green (66%)

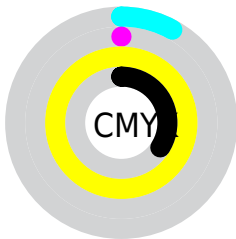
Blue (0%)



Red (0%)

Yellow (66%)

Blue (5%)

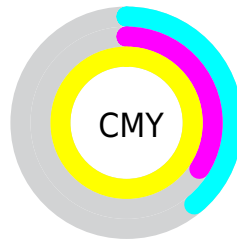


Cyan (8%)

Magenta (0%)

Yellow (100%)

Black (34%)



Cyan (39%)

Magenta (34%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.8983, 35.4439, 5.3710 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 27.8983, 35.4439, 5.3710 by changing the saturation by 10% instead.

■ 27.8983, 35.4439,
5.3710

■ 27.8983, 35.4439,
5.3710

284.0695,
326.5234, 162.4245

■ 18.3891, 24.0050,
2.4040

■ 55.7318, 68.1729,
17.0652

■ 11.3311, 15.3373,
0.7886

■ 74.7868, 90.2317,
26.6295

■ 6.3589, 9.0565,
0.0000

■ 97.7544, 116.5994,
39.2301

■ 3.1072, 4.7780,
0.0000

■ 125.0001,
147.6603, 55.2853

■ 1.2107, 2.1176,
0.0000

■ 156.8890,
183.7987, 75.2139

■ 0.1148, 0.6745,
0.0000

■ 193.7867,

■ 0.0000, 0.0000,

225.3991, 99.4342

0.0000

236.0584,
272.8458, 128.3649

27.8983, 35.4439,
5.3710

27.8983, 35.4439,
5.3710

27.8988, 35.4454,
5.3712

28.2526, 35.6162,
5.9125

28.6940, 35.8223,
6.9017

29.2577, 36.0776,
8.5212

29.9593, 36.3884,
10.8527

30.8121, 36.7600,
13.9660

■ 31.8277, 37.1971,
17.9224

■ 33.0166, 37.7038,
22.7770

■ 34.3884, 38.2839,
28.5804

■ 35.9520, 38.9411,
35.3795

Harmonies

Analogous

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



38.2887, 35.4439, 5.0179



27.8983, 35.4439, 5.3710



20.7532, 35.4439, 11.0412

Triad

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



27.8983, 35.4439, 5.3710



21.6958, 35.4439, 99.8441



57.8295, 35.4439, 52.6343

Complementary

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



27.8983, 35.4439, 5.3710



7.3284, 2.9509, 37.7217

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.



51.1182, 35.4439, 93.0801



27.8983, 35.4439, 5.3710



29.4721, 35.4439, 128.5347

Square

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



27.8983, 35.4439, 5.3710



17.7243, 35.4439, 59.0498



40.2288, 35.4439, 125.5593



57.1590, 35.4439, 23.5072

Rectangle

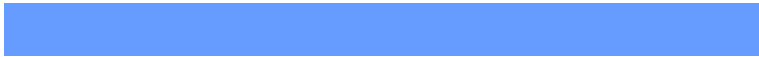
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



27.8983, 35.4439, 5.3710



18.1172, 35.4439, 20.2828



40.2288, 35.4439, 125.5593



56.3118, 35.4439, 65.5269

Sweetspot

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



27.8991, 35.4455, 5.3717



59.0026, 67.4683, 40.2712



16.4862, 8.6815, 0.8073



12.6662, 14.6227, 7.9784



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



27.8991, 35.4455, 5.3717



49.8816, 63.4353, 9.6152



16.9552, 29.8037, 4.8596



8.0891, 8.7440, 8.0507



20.8119, 26.4261, 4.0039



0.5225, 0.6513, 0.0982

Inverse Universe

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



7.3284, 2.9509, 37.7217



13.0547, 5.2483, 67.5501



11.9625, 5.3398, 37.9386



7.1833, 7.3271, 9.4540



5.4805, 2.2087, 28.1130



0.1495, 0.0621, 0.6847

Previews

White Background



This preview shows how the XYZ color 27.8983, 35.4439, 5.3710 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 27.8983, 35.4439, 5.3710 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 27.8983, 35.4439, 5.3710

Background



This preview shows how black text looks on a background with the XYZ color 27.8983, 35.4439, 5.3710.



This preview shows how white text looks on a background with the XYZ color 27.8983, 35.4439,

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

27.8983, 35.4439, 5.3710

Protanopia

31.8009, 35.3135, 5.1401

Deuteranopia

35.7950, 35.0969, 5.9864



Tritanopia

35.3669, 35.3033, 42.4863

Trichromacy



Original Color

27.8983, 35.4439, 5.3710

Protanomaly

30.2887, 35.3216, 5.2214

Deuteranomaly

32.3436, 34.8117, 5.5869

Tritanomaly

30.7615, 34.4650, 19.2185

Monochromacy



Original Color

27.8983, 35.4439, 5.3710

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

26.1091, 30.3855, 14.8448

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.8983, 35.4439, 5.3710 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(156, 169, 0)` looks like.

```
.text, #text, p{  
    color:rgb(156, 169, 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(156, 169, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 169, 0) }
```

Border

The CSS property to change the border of an element to XYZ 27.8983, 35.4439, 5.3710 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(156, 169, 0) }
```


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

```
.border{ border-color:rgb(156, 169, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 169, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 169, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 169, 0);  
box-shadow:4px 4px 4px 4px rgb(156, 169,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 27.8983, 35.4439, 5.3710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 169, 0) }
```

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

```
.background{ background-color: rgb(156,  
169, 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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