

Converting Colors

XYZ(28.3108, 41.5158, 6.5212)

Have a look what the booklet for
XYZ(28.3108, 41.5158, 6.5212)
contains.

XYZ(28.3509, 41.6294, 6.5410)	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(28.3509, 41.6294,
6.5410)**

Conversions

Conversions Part 1

Format	Color
Hex	88BD00
RGB	136, 189, 0
RGB Percent	53%, 74%, 0%
CMY	0.4667, 0.2588, 0.9999
CMYK	0.28, 0.00, 1.00, 0.26
HSL	77°, 100%, 37%
HSV	77°, 100%, 74%
XYZ	28.3509, 41.6294, 6.5410
YIQ	151.6070, 29.0810, -70.0150

Conversions

Conversions Part 2

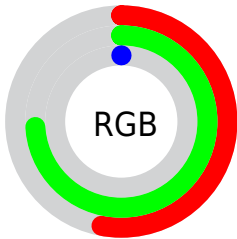
Format	Color
RYB	0, 189, 53
Decimal	8961280
CIELab	70.61, -39.26, 71.01
CIELCh	71, 81.138, 118.940
Yxy	41.6294, 0.3705, 0.5440
Android (android.graphics.Color)	4287151360 (0xFF88BD00)
YUV	151.6070, -74.7423, -13.6873
Hunter-Lab	64.5208, -34.4774, 39.1539

Details

The XYZ color **28.3509, 41.6294, 6.5410** is a dark color, and the websafe version is hex **99CC00**. A complement of this color would be **10.6554, 4.4323, 48.4404**, and the grayscale version is **29.9805, 31.5418, 34.3490**.

A 20% lighter version of the original color is **56.6519, 77.9601, 19.6513**, and **11.8884, 18.9902, 3.0389** is the 20% darker color. If you saturate the color by 10%, you get **28.3509, 41.6308, 6.5413**, and if you desaturate by 10%, it is **29.3510, 42.1329, 7.1980**.

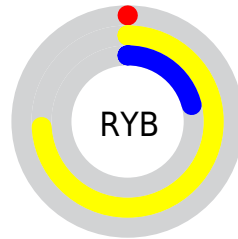
Distribution



Red (53%)

Green (74%)

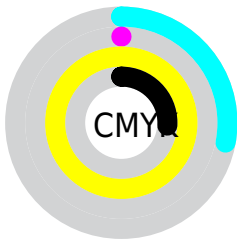
Blue (0%)



Red (0%)

Yellow (74%)

Blue (21%)

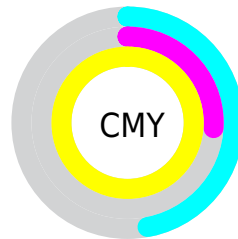


Cyan (28%)

Magenta (0%)

Yellow (100%)

Black (26%)



Cyan (47%)


Magenta (26%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.3509, 41.6294, 6.5410 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 28.3509, 41.6294, 6.5410 by changing the saturation by 10% instead.


 28.3509, 41.6294,
6.5410


 28.3509, 41.6294,
6.5410


286.1896,
352.9444, 173.2769


 18.7321, 28.8112,
3.1027


 56.4489, 77.6384,
19.5406

 11.5797, 18.9381,
1.1473


 75.6589, 101.5981,
29.9389


 6.5284, 11.6255,
0.0000


 98.7967, 130.0403,
43.4944

 3.2126, 6.4892,
0.0000

 126.2275,
163.3495, 60.6255

 1.2672, 3.1448,
0.0000

 158.3169,
201.9102, 81.7507

 0.1584, 1.2078,
0.0000

 195.4302,

 0.0000, 0.0680,

246.1066, 107.2887

0.0000

237.9326,
296.3232, 137.6579

■ 0.0000, 0.0000,
0.0000

■ 28.3509, 41.6294,
6.5410

■ 28.3509, 41.6294,
6.5410

■ 28.3509, 41.6308,
6.5413

■ 29.3510, 42.1329,
7.1980

■ 30.5067, 42.7021,
8.4530

■ 31.8607, 43.3556,
10.5237

■ 33.4342, 44.1022,
13.5190

■ 35.2454, 44.9489,
17.5311

■ 37.3100, 45.9023,
22.6412

■ 39.6426, 46.9682,
28.9220

■ 42.2563, 48.1519,
36.4402

■ 45.1633, 49.4584,
45.2573

Harmonies

Analogous

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



40.0466, 41.6294, 4.3195



28.3509, 41.6294, 6.5410



21.3273, 41.6294, 16.8957

Triad

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



28.3509, 41.6294, 6.5410



27.6942, 41.6294, 142.6447



71.3716, 41.6294, 46.7078

Complementary

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



28.3509, 41.6294, 6.5410



10.6554, 4.4323, 48.4404

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.



66.0361, 41.6294, 95.1300



28.3509, 41.6294, 6.5410



39.0922, 41.6294, 166.5930

Square

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



28.3509, 41.6294, 6.5410



21.0128, 41.6294, 91.3022



53.4097, 41.6294, 145.5999



66.7099, 41.6294, 18.1516

Rectangle

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



28.3509, 41.6294, 6.5410



19.2652, 41.6294, 32.5799



53.4097, 41.6294, 145.5999



70.6704, 41.6294, 61.0293

Sweetspot

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



28.3519, 41.6313, 6.5419



70.7802, 84.0175, 51.1947



22.1459, 13.1363, 1.3689



14.8315, 17.8900, 9.9425



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.



28.3519, 41.6313, 6.5419



50.5282, 74.4304, 11.7034



19.2423, 36.9351, 6.1156



10.0543, 10.9824, 10.1665



19.1518, 28.0490, 4.4046



0.8109, 1.1300, 0.1754

Inverse Universe

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



10.6554, 4.4323, 48.4404



18.8811, 7.8332, 86.7430



20.8468, 9.6861, 48.9174



9.2610, 9.3514, 11.9891



7.2337, 3.0152, 32.5936



0.3495, 0.1522, 1.2798

Previews

White Background



This preview shows how the XYZ color 28.3509, 41.6294, 6.5410 looks on a white background.

Color Contrast Check

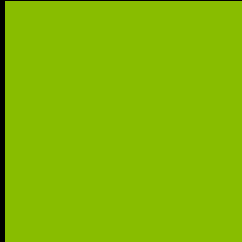
Large Text (above 18pt) WCAG AA × Fail

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 28.3509, 41.6294, 6.5410 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 28.3509, 41.6294, 6.5410

Background



This preview shows how black text looks on a background with the XYZ color 28.3509, 41.6294, 6.5410.



This preview shows how white text looks on a background with the XYZ color 28.3509, 41.6294,

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

28.3509, 41.6294, 6.5410

Protanopia

37.1917, 41.3565, 6.0224

Deuteranopia

42.0158, 41.0674, 7.3024



Tritanopia

38.1460, 41.6384, 54.7417

Trichromacy



Original Color

28.3509, 41.6294, 6.5410

Protanomaly

33.3537, 41.1244, 6.1799

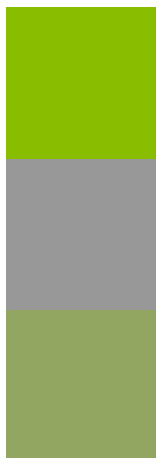
Deuteranomaly

35.6364, 40.2543, 6.6507

Tritanomaly

32.0077, 40.6313, 24.2448

Monochromacy



Original Color

28.3509, 41.6294, 6.5410

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

27.4669, 33.8843, 16.4019

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.3509, 41.6294, 6.5410 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, 189, 0)` looks like.

```
.text, #text, p{  
    color:rgb(136, 189, 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, 189, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 189, 0) }
```

Border

The CSS property to change the border of an element to XYZ 28.3509, 41.6294, 6.5410 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, 189, 0) }
```


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

```
.border{ border-color:rgb(136, 189, 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, 189, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 189, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 189, 0);  
box-shadow:4px 4px 4px 4px rgb(136, 189,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 28.3509, 41.6294, 6.5410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 189, 0) }
```

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

```
.background{ background-color: rgb(136,  
189, 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