

Converting Colors

XYZ(28.1776, 38.3075, 5.9090)

Have a look what the booklet for
XYZ(28.1776, 38.3075, 5.9090)
contains.

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Color

**XYZ(28.3328, 38.5361,
5.9449)**

Conversions

Conversions Part 1

Format	Color
Hex	94B300
RGB	148, 179, 0
RGB Percent	58%, 70%, 0%
CMY	0.4196, 0.2980, 0.9999
CMYK	0.17, 0.00, 1.00, 0.30
HSL	70°, 100%, 35%
HSV	70°, 100%, 70%
XYZ	28.3328, 38.5361, 5.9449
YIQ	149.3250, 38.9830, -62.2410

Conversions

Conversions Part 2

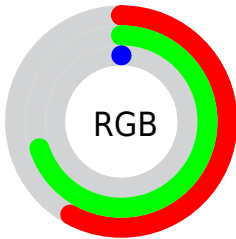
Format	Color
RYB	0, 179, 31
Decimal	9745152
CIELab	68.41, -29.85, 69.67
CIElCh	68, 75.792, 113.192
Yxy	38.5361, 0.3891, 0.5292
Android (android.graphics.Color)	4287935232 (0xFF94B300)
YUV	149.3250, -73.6172, -1.1620
Hunter-Lab	62.0775, -27.1663, 37.7763

Details

The XYZ color **28.3328, 38.5361, 5.9449** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **8.7031, 3.5469, 42.8761**, and the grayscale version is **28.9951, 30.5051, 33.2201**.

A 20% lighter version of the original color is **56.5371, 73.0885, 18.3354**, and **11.8745, 17.1970, 2.6935** is the 20% darker color. If you saturate the color by 10%, you get **28.3330, 38.5375, 5.9452**, and if you desaturate by 10%, it is **29.0106, 38.8743, 6.5432**.

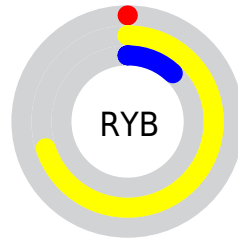
Distribution



Red (58%)

Green (70%)

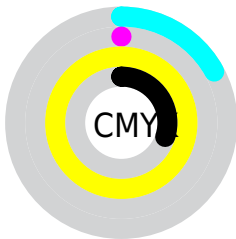
Blue (0%)



Red (0%)

Yellow (70%)

Blue (12%)

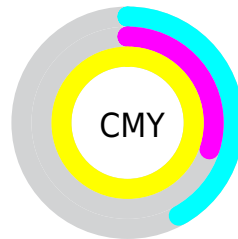


Cyan (17%)

Magenta (0%)

Yellow (100%)

Black (30%)



Cyan (42%)

Magenta (30%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.3328, 38.5361, 5.9449 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 28.3328, 38.5361, 5.9449 by changing the saturation by 10% instead.

■ 28.3328, 38.5361,
5.9449

■ 28.3328, 38.5361,
5.9449

286.1051,
339.9141, 167.8674

■ 18.7184, 26.3990,
2.7434

■ 56.4203, 72.9291,
18.2921

■ 11.5698, 17.1224,
0.9651

■ 75.6241, 95.9538,
28.2749

■ 6.5216, 10.3218,
0.0000

■ 98.7550, 123.3766,
41.3551

■ 3.2084, 5.6128,
0.0000

■ 126.1786,
155.5817, 57.9513

■ 1.2649, 2.6111,
0.0000

■ 158.2600,
192.9536, 78.4822

■ 0.1567, 0.9323,
0.0000

■ 195.3646,

■ 0.0000, 0.0000,

235.8767, 103.3661

0.0000

237.8579,
284.7354, 133.0216

■ 28.3328, 38.5361,
5.9449

■ 28.3328, 38.5361,
5.9449

■ 28.3330, 38.5375,
5.9452

■ 29.0106, 38.8743,
6.5432

■ 29.8013, 39.2580,
7.6614

■ 30.7438, 39.7042,
9.4988

■ 31.8561, 40.2200,
12.1502

■ 33.1536, 40.8118,
15.6961

■ 34.6498, 41.4848,
20.2072

■ 36.3570, 42.2441,
25.7473

■ 38.2864, 43.0940,
32.3746

■ 40.4481, 44.0387,
40.1429

Harmonies

Analogous

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



39.4084, 38.5361, 4.7254



28.3328, 38.5361, 5.9449



21.1880, 38.5361, 13.6640

Triad

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



28.3328, 38.5361, 5.9449



24.5540, 38.5361, 119.3671



64.3798, 38.5361, 50.2201

Complementary

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



28.3328, 38.5361, 5.9449



8.7031, 3.5469, 42.8761

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.



58.1795, 38.5361, 94.7628



28.3328, 38.5361, 5.9449



33.9804, 38.5361, 146.5074

Square

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



28.3328, 38.5361, 5.9449



19.3594, 38.5361, 73.4301



46.4008, 38.5361, 135.6592



61.9522, 38.5361, 21.0766

Rectangle

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



28.3328, 38.5361, 5.9449



18.7951, 38.5361, 25.7147



46.4008, 38.5361, 135.6592



63.1980, 38.5361, 63.9129

Sweetspot

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



28.3337, 38.5378, 5.9457



64.9434, 75.5797, 45.5510



19.0520, 10.5052, 1.0241



14.0973, 16.6156, 9.1337



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



28.3337, 38.5378, 5.9457



50.5716, 68.9286, 10.6392



17.9653, 33.1927, 5.4605



9.0498, 9.8307, 9.0731



20.0688, 27.2559, 4.2032



0.6694, 0.8772, 0.1340

Inverse Universe

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



8.7031, 3.5469, 42.8761



15.4554, 6.2841, 76.7795



15.7921, 7.2014, 43.2079



8.1747, 8.2986, 10.6773



6.1888, 2.5262, 30.2984



0.2362, 0.1009, 0.9553

Previews

White Background



This preview shows how the XYZ color 28.3328, 38.5361, 5.9449 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 28.3328, 38.5361, 5.9449 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 28.3328, 38.5361, 5.9449

Background



This preview shows how black text looks on a background with the XYZ color 28.3328, 38.5361, 5.9449.



This preview shows how white text looks on a background with the XYZ color 28.3328, 38.5361,

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

28.3328, 38.5361, 5.9449

Protanopia

34.5578, 38.3288, 5.5768

Deuteranopia

39.0659, 38.2596, 6.6924



Tritanopia

36.7747, 38.2491, 48.6246

Trichromacy



Original Color

28.3328, 38.5361, 5.9449

Protanomaly

31.7965, 38.0101, 5.6608

Deuteranomaly

34.2560, 37.8877, 6.1694

Tritanomaly

31.5620, 37.5317, 21.8005

Monochromacy



Original Color

28.3328, 38.5361, 5.9449

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

27.0308, 32.3574, 15.6474

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.3328, 38.5361, 5.9449 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(148, 179, 0)` looks like.

```
.text, #text, p{  
    color:rgb(148, 179, 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(148, 179, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 179, 0) }
```

Border

The CSS property to change the border of an element to XYZ 28.3328, 38.5361, 5.9449 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(148, 179, 0) }
```


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

```
.border{ border-color:rgb(148, 179, 0) }
```

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

Here you see how a box with a 4 pixel rgb(148, 179, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 179, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 179, 0);  
box-shadow:4px 4px 4px 4px rgb(148, 179,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 28.3328, 38.5361, 5.9449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 179, 0) }
```

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

```
.background{ background-color: rgb(148,  
179, 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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