

Converting Colors

XYZ(28.9485, 39.3436, 18.9710)

Have a look what the booklet for
XYZ(28.9485, 39.3436, 18.9710)
contains.

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Color

**XYZ(29.0076, 39.5035,
18.9280)**

Conversions

Conversions Part 1

Format	Color
Hex	86B667
RGB	134, 182, 103
RGB Percent	53%, 71%, 40%
CMY	0.4745, 0.2863, 0.5961
CMYK	0.26, 0.00, 0.43, 0.29
HSL	96°, 35%, 56%
HSV	96°, 43%, 71%
XYZ	29.0076, 39.5035, 18.9280
YIQ	158.6420, -3.2490, -34.7450

Conversions

Conversions Part 2

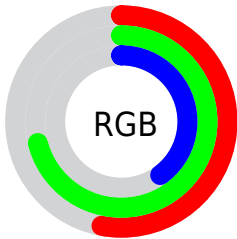
Format	Color
RYB	103, 182, 151
Decimal	8828519
CIELab	69.11, -30.24, 35.13
CIELCh	69, 46.349, 130.720
Yxy	39.5035, 0.3317, 0.4518
Android (android.graphics.Color)	4287018599 (0xFF86B667)
YUV	158.6420, -27.4315, -21.6110
Hunter-Lab	62.8518, -27.6087, 26.1409

Details

The XYZ color **29.0076, 39.5035, 18.9280** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **26.0580, 19.6584, 46.6792**, and the grayscale version is **32.9143, 34.6284, 37.7103**.

A 20% lighter version of the original color is **57.4772, 74.3344, 42.3290**, and **11.9958, 17.7607, 6.2859** is the 20% darker color. If you saturate the color by 10%, you get **26.5205, 38.3169, 14.5512**, and if you desaturate by 10%, it is **31.8799, 40.8681, 24.3624**.

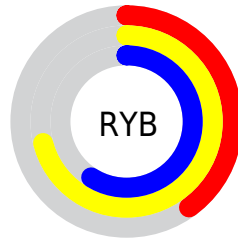
Distribution



Red (53%)

Green (71%)

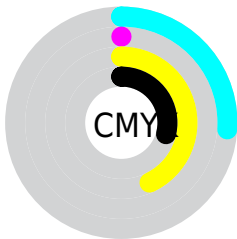
Blue (40%)



Red (40%)

Yellow (71%)

Blue (59%)

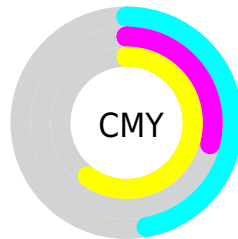


Cyan (26%)

Magenta (0%)

Yellow (43%)

Black (29%)



Cyan (47%)

Magenta (29%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.0076, 39.5035, 18.9280 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 29.0076, 39.5035, 18.9280 by changing the saturation by 10% instead.

■ 29.0076, 39.5035,
18.9280

■ 29.0076, 39.5035,
18.9280

289.2444,
344.0264, 258.4605

■ 19.2309, 27.1516,
11.4420

■ 57.4866, 74.4069,
42.4475

■ 11.9422, 17.6871,
6.2470

■ 76.9197, 97.7272,
59.3180

■ 6.7763, 10.7256,
2.9247

■ 100.3022,
125.4724, 80.1538

■ 3.3677, 5.8826,
1.0563

■ 127.9995,
158.0270, 105.3734

■ 1.3510, 2.7738,
0.0000

160.3771,
195.7753, 135.3953

■ 0.2209, 1.0148,
0.0000

197.8001,

■ 0.0000, 0.0000,

239.1017, 170.6381

0.0000

240.6341,
288.3906, 211.5203

■ 29.0076, 39.5035,
18.9280

■ 29.0076, 39.5035,
18.9280

■ 26.5205, 38.3169,
14.5512

■ 31.8799, 40.8681,
24.3624

■ 24.3970, 37.2950,
11.1605

■ 35.1517, 42.4132,
30.9146

■ 22.6176, 36.4308,
8.6796

■ 38.8401, 44.1474,
38.6432


■ 21.1592, 35.7141,
7.0201


■ 42.9603, 46.0774,
47.6021


■ 19.9950, 35.1337,
6.0755


■ 47.5265, 48.2095,
57.8418

 19.3577, 34.8128,
5.6993

 52.5526, 50.5496,
69.4099

 58.0514, 53.1036,
82.3518

 64.0355, 55.8769,
96.7104

 68.5571, 58.0909,
102.2071

Harmonies

Analogous

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



34.9617, 39.5035, 14.1100



29.0076, 39.5035, 18.9280



25.6527, 39.5035, 30.9103

Triad

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



29.0076, 39.5035, 18.9280



33.0414, 39.5035, 94.0901



53.3364, 39.5035, 35.8686

Complementary

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



29.0076, 39.5035, 18.9280



26.0580, 19.6584, 46.6792

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.



52.6447, 39.5035, 57.9216



29.0076, 39.5035, 18.9280



40.2565, 39.5035, 96.7684

Square

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



29.0076, 39.5035, 18.9280



27.7612, 39.5035, 75.4536



47.6164, 39.5035, 81.8852



49.3980, 39.5035, 21.5274

Rectangle

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



29.0076, 39.5035, 18.9280



25.0394, 39.5035, 43.5265



47.6164, 39.5035, 81.8852



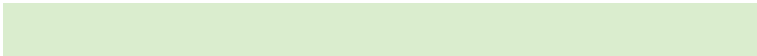
53.6494, 39.5035, 42.5027

Sweetspot

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



29.0086, 39.5052, 18.9289



70.5455, 80.0969, 70.3390



32.7115, 32.8665, 17.4523



15.2399, 17.5307, 14.8089



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.



29.0086, 39.5052, 18.9289



48.3000, 69.5706, 26.7523



25.1864, 37.4868, 20.9189



9.2148, 10.2274, 9.5953



13.7396, 24.6193, 4.0279



0.5545, 0.9041, 0.1453

Inverse Universe

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



26.0580, 19.6584, 46.6792



42.2341, 28.9086, 83.5897



31.7929, 22.7065, 42.8046



9.0306, 8.9821, 11.3372



10.6320, 4.7922, 31.6177



0.4422, 0.2037, 1.1178

Previews

White Background



This preview shows how the XYZ color 29.0076, 39.5035, 18.9280 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 29.0076, 39.5035, 18.9280 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 29.0076, 39.5035, 18.9280

Background



This preview shows how black text looks on a background with the XYZ color 29.0076, 39.5035, 18.9280.



This preview shows how white text looks on a background with the XYZ color 29.0076, 39.5035,

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

29.0076, 39.5035, 18.9280

Protanopia

35.9744, 39.0775, 17.2019

Deuteranopia

39.8088, 39.1290, 19.6419



Tritanopia

35.6481, 39.2533, 52.1522

Trichromacy



Original Color

29.0076, 39.5035, 18.9280

Protanomaly

32.9697, 38.9142, 17.8301

Deuteranomaly

34.9209, 38.7637, 19.2773

Tritanomaly

32.6814, 39.2018, 37.2967

Monochromacy



Original Color

29.0076, 39.5035, 18.9280

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

31.0566, 35.9855, 29.7351

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.0076, 39.5035, 18.9280 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(134, 182, 103)` looks like.

```
.text, #text, p{  
    color:rgb(134, 182, 103)  
}
```

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(134, 182, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 182, 103) }
```

Border

The CSS property to change the border of an element to XYZ 29.0076, 39.5035, 18.9280 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(134, 182, 103) }
```


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

```
.border{ border-color:rgb(134, 182, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 182, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 182, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 182, 103);  
box-shadow:4px 4px 4px 4px rgb(134, 182,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 29.0076, 39.5035, 18.9280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 182, 103) }
```

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

```
.background{ background-color: rgb(134,  
182, 103) }
```

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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