

Converting Colors

XYZ(28.9872, 39.3444, 26.9472)

Have a look what the booklet for
XYZ(28.9872, 39.3444, 26.9472)
contains.

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Color

**XYZ(29.0026, 39.3260,
26.8310)**

Conversions

Conversions Part 1

Format	Color
Hex	7CB681
RGB	124, 182, 129
RGB Percent	49%, 71%, 51%
CMY	0.5137, 0.2863, 0.4941
CMYK	0.32, 0.00, 0.29, 0.29
HSL	125°, 28%, 60%
HSV	125°, 32%, 71%
XYZ	29.0026, 39.3260, 26.8310
YIQ	158.6160, -17.5550, -28.7790

Conversions

Conversions Part 2

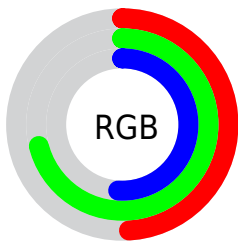
Format	Color
RYB	124, 177, 182
Decimal	8173185
CIELab	68.99, -29.71, 21.14
CIElCh	69, 36.460, 144.561
Yxy	39.3260, 0.3048, 0.4133
Android (android.graphics.Color)	4286363265 (0xFF7CB681)
YUV	158.6160, -14.6007, -30.3582
Hunter-Lab	62.7104, -27.1898, 18.5298

Details

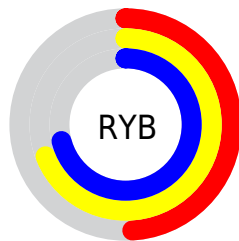
The XYZ color **29.0026, 39.3260, 26.8310** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **34.4362, 27.5355, 45.0964**, and the grayscale version is **32.8504, 34.5612, 37.6372**.

A 20% lighter version of the original color is **57.3781, 73.9914, 55.5136**, and **11.9340, 17.6427, 10.1735** is the 20% darker color. If you saturate the color by 10%, you get **25.5942, 37.6876, 21.3631**, and if you desaturate by 10%, it is **33.0784, 41.2900, 33.2711**.

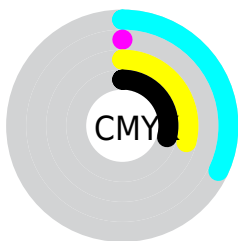
Distribution



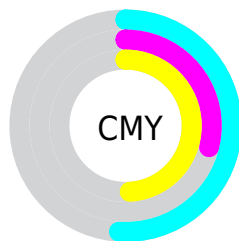
- Red (49%)
- Green (71%)
- Blue (51%)



- Red (49%)
- Yellow (69%)
- Blue (71%)



- Cyan (32%)
- Magenta (0%)
- Yellow (29%)
- Black (29%)





- Cyan (51%)
- Magenta (29%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.0026, 39.3260, 26.8310 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 29.0026, 39.3260, 26.8310 by changing the saturation by 10% instead.


 29.0026, 39.3260,
26.8310


 29.0026, 39.3260,
26.8310


289.2212,
343.2745, 300.5722

 19.2271, 27.0134,
17.2150


 57.4787, 74.1361,
55.6130

 11.9395, 17.5833,
10.2243


 76.9101, 97.4024,
75.6161

 6.7744, 10.6512,
5.4404


 100.2907,
125.0887, 99.9187

 3.3665, 5.8328,
2.4447

127.9861,
157.5794, 128.9392

 1.3504, 2.7437,
0.8106

160.3614,
195.2590, 163.0963

 0.2205, 0.9994,
0.0000

197.7822,

 0.0000, 0.0000,

238.5118, 202.8084

0.0000

240.6136,
287.7221, 248.4942

■ 29.0026, 39.3260,
26.8310

■ 29.0026, 39.3260,
26.8310

■ 25.5942, 37.6876,
21.3631

■ 33.0784, 41.2900,
33.2711

■ 22.8148, 36.3525,
16.8178

■ 37.8515, 43.5906,
40.7245

■ 20.6267, 35.3034,
13.1449


■ 43.3534, 46.2443,
49.2334


■ 18.9867, 34.5195,
10.2886


■ 49.6130, 49.2651,
58.8367


■ 17.8460, 33.9768,
8.1865


■ 56.6575, 52.6664,
69.5712

 17.1469, 33.6471,
6.7672

 64.5128, 56.4607,
81.4721

 16.8200, 33.4940,
6.0567

 73.2036, 60.6600,
94.5732

 76.0187, 61.9375,
102.5562

Harmonies

Analogous

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



32.9284, 39.3260, 19.8307



29.0026, 39.3260, 26.8310



27.3322, 39.3260, 39.8604

Triad

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



29.0026, 39.3260, 26.8310



36.3302, 39.3260, 83.1716



48.4758, 39.3260, 30.8602

Complementary

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



29.0026, 39.3260, 26.8310



34.4362, 27.5355, 45.0964

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.



49.6259, 39.3260, 45.9212



29.0026, 39.3260, 26.8310



42.2118, 39.3260, 78.9664

Square

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



29.0026, 39.3260, 26.8310



31.2730, 39.3260, 74.4971



47.2285, 39.3260, 64.1557



44.2303, 39.3260, 21.7002

Rectangle

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



29.0026, 39.3260, 26.8310



27.5831, 39.3260, 51.3683



47.2285, 39.3260, 64.1557



49.2545, 39.3260, 35.2757

Sweetspot

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



29.0036, 39.3277, 26.8319



70.2221, 79.7975, 76.3150



38.5372, 44.2798, 25.5848



15.2178, 17.4840, 16.4022



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.



29.0036, 39.3277, 26.8319



48.2660, 69.2213, 41.7407



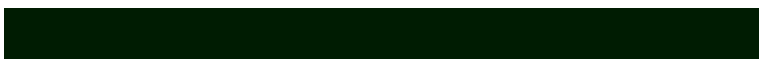
31.1985, 40.2056, 38.3899



8.9210, 10.0724, 9.7411



11.8884, 23.6563, 4.3344



0.4297, 0.8382, 0.2086

Inverse Universe

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



34.4362, 27.5355, 45.0964



59.6100, 44.5865, 79.8717



31.8588, 26.5046, 31.5238



9.3466, 9.1490, 11.1728



18.5163, 8.9803, 26.4033



0.6626, 0.3205, 0.9828

Previews

White Background



This preview shows how the XYZ color 29.0026, 39.3260, 26.8310 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 29.0026, 39.3260, 26.8310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

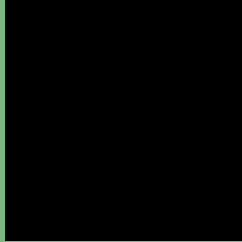
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.0026, 39.3260, 26.8310

Background



This preview shows how black text looks on a background with the XYZ color 29.0026, 39.3260, 26.8310.



This preview shows how white text looks on a background with the XYZ color 29.0026, 39.3260,

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

29.0026, 39.3260, 26.8310

Protanopia

36.2163, 38.7708, 24.3136

Deuteranopia

39.5536, 38.8131, 27.9612



Tritanopia

34.2048, 39.0538, 53.3123

Trichromacy



Original Color

29.0026, 39.3260, 26.8310

Protanomaly

32.9514, 38.4593, 25.0887

Deuteranomaly

34.7150, 38.4769, 27.4269

Tritanomaly

32.0573, 39.0596, 42.4089

Monochromacy



Original Color

29.0026, 39.3260, 26.8310

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

31.0181, 35.8865, 33.3089

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.0026, 39.3260, 26.8310 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(124, 182, 129)` looks like.

```
.text, #text, p{  
    color:rgb(124, 182, 129)  
}
```

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(124, 182, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 182, 129) }
```

Border

The CSS property to change the border of an element to XYZ 29.0026, 39.3260, 26.8310 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(124, 182, 129) }
```


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

```
.border{ border-color:rgb(124, 182, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 182, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 182, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 182, 129);  
box-shadow:4px 4px 4px 4px rgb(124, 182,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 29.0026, 39.3260, 26.8310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 182, 129) }
```

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

```
.background{ background-color: rgb(124,  
182, 129) }
```

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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