

Converting Colors

$Yxy(28.5135, 0.3489, 0.4603)$

Have a look what the booklet for
Yxy(28.5135, 0.3489, 0.4603)
contains.

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Color

Yxy(28.6265, 0.3485, 0.4616)

Conversions

Conversions Part 1

Format	Color
Hex	7C9C4F
RGB	124, 156, 79
RGB Percent	49%, 61%, 31%
CMY	0.5137, 0.3882, 0.6903
CMYK	0.21, 0.00, 0.49, 0.39
HSL	85°, 33%, 46%
HSV	85°, 49%, 61%
XYZ	21.6125, 28.6265, 11.7768
YIQ	137.6540, 5.6450, -30.7310

Conversions

Conversions Part 2

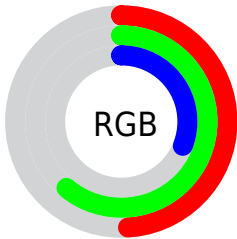
Format	Color
RYB	79, 156, 111
Decimal	8166479
CIELab	60.45, -24.35, 36.52
CIELCh	60, 43.892, 123.690
Yxy	28.6265, 0.3485, 0.4616
Android (android.graphics.Color)	4286356559 (0xFF7C9C4F)
YUV	137.6540, -28.9164, -11.9746
Hunter-Lab	53.5037, -21.5275, 24.4022

Details

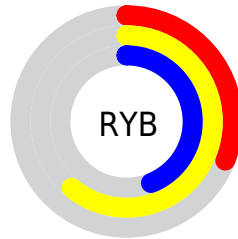
The Yxy color **28.6265, 0.3485, 0.4616** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **11.3641, 0.2577, 0.1908**, and the grayscale version is **25.3879, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.6652, 0.3430, 0.4330**, and **11.6134, 0.3540, 0.5118** is the 20% darker color. If you saturate the color by 10%, you get **27.9598, 0.3529, 0.4884**, and if you desaturate by 10%, it is **29.3808, 0.3426, 0.4335**.

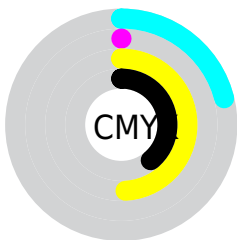
Distribution



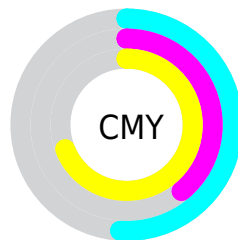
- Red (49%)
- Green (61%)
- Blue (31%)



- Red (31%)
- Yellow (61%)
- Blue (44%)



- Cyan (21%)
- Magenta (0%)
- Yellow (49%)
- Black (39%)





- Cyan (51%)
- Magenta (39%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.6265, 0.3485, 0.4616 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 Yxy color 28.6265, 0.3485, 0.4616 by changing the saturation by 10% instead.


 28.6265, 0.3485,
0.4616


 28.6265, 0.3485,
0.4616


295.4486, 0.3321,
0.3875


 18.7985, 0.3513,
0.4825


 57.4831, 0.3432,
0.4328

 11.5247, 0.3538,
0.5106


 77.2805, 0.3410,
0.4225

 6.4209, 0.3541,
0.5496


 101.1698, 0.3390,
0.4141

 3.1027, 0.3645,
0.6355

 129.5354, 0.3373,
0.4070

 1.1856, 0.2988,
0.7012

 162.7617, 0.3358,
0.4010

 0.0499, 0.0000,
1.0000

201.2330, 0.3344,

 0.0000, 0.0000,

0.3959

0.0000

245.3339, 0.3332,
0.3914

■ 28.6265, 0.3485,
0.4616

■ 28.6265, 0.3485,
0.4616

■ 27.9598, 0.3529,
0.4884

■ 29.3808, 0.3426,
0.4335

■ 27.3724, 0.3554,
0.5125

■ 30.2228, 0.3356,
0.4053

■ 26.8607, 0.3557,
0.5329


■ 31.1576, 0.3280,
0.3779


■ 26.4192, 0.3537,
0.5485

■ 32.1885, 0.3201,
0.3518


■ 26.0358, 0.3499,
0.5599

■ 33.3189, 0.3122,
0.3276

 26.0132, 0.3497,
0.5606

 34.5519, 0.3045,
0.3053

 35.8903, 0.2971,
0.2850

 37.3370, 0.2902,
0.2667

 38.8947, 0.2836,
0.2502

Harmonies

Analogous

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



28.6265, 0.4116, 0.4444



28.6265, 0.3485, 0.4616



28.6265, 0.2794, 0.4304

Triad

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



28.6265, 0.3485, 0.4616



28.6265, 0.1896, 0.2395



28.6265, 0.4062, 0.2939

Complementary

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



28.6265, 0.3485, 0.4616



11.3641, 0.2577, 0.1908

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.



28.6265, 0.3351, 0.2513



28.6265, 0.3485, 0.4616



28.6265, 0.2143, 0.2198

Square

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



28.6265, 0.3485, 0.4616



28.6265, 0.1921, 0.2875



28.6265, 0.2648, 0.2250



28.6265, 0.4503, 0.3457

Rectangle

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



28.6265, 0.3485, 0.4616



28.6265, 0.2393, 0.3855



28.6265, 0.2648, 0.2250



28.6265, 0.3841, 0.2783

Sweetspot

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



28.6278, 0.3485, 0.4616



57.3329, 0.3248, 0.3671



18.7368, 0.4191, 0.3798



12.5368, 0.3263, 0.3722



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



28.6278, 0.3485, 0.4616



50.6926, 0.3532, 0.4904



26.3520, 0.3120, 0.4781



7.5830, 0.3200, 0.3515



21.4470, 0.3501, 0.5602



0.4079, 0.3784, 0.5377

Inverse Universe

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



11.3641, 0.2577, 0.1908



15.6814, 0.2420, 0.1594



14.3113, 0.3076, 0.2090



6.5631, 0.3049, 0.3063



2.9159, 0.1890, 0.0815



0.0763, 0.2354, 0.1070

Previews

White Background



This preview shows how the Yxy color 28.6265, 0.3485, 0.4616 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 28.6265, 0.3485, 0.4616 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

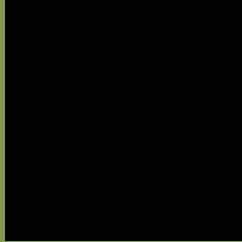
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.6265, 0.3485, 0.4616

Background



This preview shows how black text looks on a background with the Yxy color 28.6265, 0.3485, 0.4616.



This preview shows how white text looks on a background with the Yxy color 28.6265, 0.3485, 0.4616.

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

28.6265, 0.3485, 0.4616

Protanopia

28.2324, 0.3992, 0.4352

Deuteranopia

28.4369, 0.4161, 0.4091



Tritanopia

28.5215, 0.2897, 0.3097

Trichromacy



Original Color

28.6265, 0.3485, 0.4616

Protanomaly

28.2197, 0.3804, 0.4457

Deuteranomaly

28.1291, 0.3905, 0.4266

Tritanomaly

28.2497, 0.3121, 0.3629

Monochromacy



Original Color

28.6265, 0.3485, 0.4616

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

26.5217, 0.3275, 0.3774

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.6265, 0.3485, 0.4616 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, 156, 79)` looks like.

```
.text, #text, p{  
    color:rgb(124, 156, 79)  
}
```

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, 156, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 156, 79) }
```

Border

The CSS property to change the border of an element to Yxy 28.6265, 0.3485, 0.4616 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, 156, 79) }
```

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

```
.border{ border-color:rgb(124, 156, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 156, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 156, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 156, 79);  
box-shadow:4px 4px 4px 4px rgb(124, 156,  
79) }
```


Background

The CSS property to change the background color of an element to Yxy 28.6265, 0.3485, 0.4616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 156, 79) }
```

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

```
.background{ background-color: rgb(124,  
156, 79) }
```

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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