

Converting Colors

$Yxy(26.8426, 0.3675, 0.5464)$

Have a look what the booklet for
Yxy(26.8426, 0.3675, 0.5464)
contains.

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Color

Yxy(26.9651, 0.3667, 0.5471)

Conversions

Conversions Part 1

Format	Color
Hex	6C9C00
RGB	108, 156, 0
RGB Percent	42%, 61%, 0%
CMY	0.5764, 0.3882, 1.0000
CMYK	0.31, 0.00, 1.00, 0.39
HSL	78°, 100%, 31%
HSV	78°, 100%, 61%
XYZ	18.0737, 26.9651, 4.2486
YIQ	123.8640, 21.4680, -58.6920

Conversions

Conversions Part 2

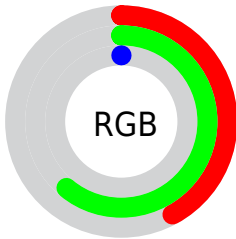
Format	Color
RYB	0, 156, 48
Decimal	7117824
CIELab	58.94, -35.50, 61.37
CIELCh	59, 70.904, 120.048
Yxy	26.9651, 0.3667, 0.5471
Android (android.graphics.Color)	4285307904 (0xFF6C9C00)
YUV	123.8640, -61.0650, -13.9127
Hunter-Lab	51.9279, -28.7464, 31.4986

Details

The Yxy color **26.9651, 0.3667, 0.5471** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **3.0284, 0.1723, 0.0723**, and the grayscale version is **20.3121, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.9489, 0.3637, 0.5024**, and **10.6575, 0.3415, 0.5670** is the 20% darker color. If you saturate the color by 10%, you get **26.9665, 0.3667, 0.5471**, and if you desaturate by 10%, it is **27.3120, 0.3691, 0.5373**.

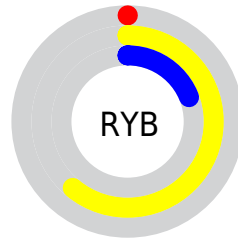
Distribution



Red (42%)

Green (61%)

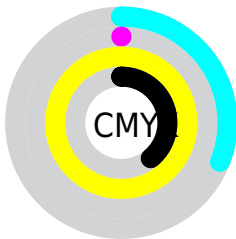
Blue (0%)



Red (0%)

Yellow (61%)

Blue (19%)

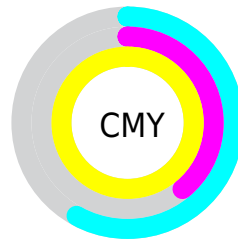


Cyan (31%)

Magenta (0%)

Yellow (100%)

Black (39%)



Cyan (58%)


Magenta (39%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.9651, 0.3667, 0.5471 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 26.9651, 0.3667, 0.5471 by changing the saturation by 10% instead.


 26.9651, 0.3667,
0.5471


 26.9651, 0.3667,
0.5471


287.4881, 0.3483,
0.4273


 17.5470, 0.3651,
0.5770


 54.8279, 0.3638,
0.5026

 10.6253, 0.3600,
0.6166


 74.0413, 0.3614,
0.4859

 5.8155, 0.3412,
0.6588

 97.2887, 0.3589,
0.4720

 2.7332, 0.2979,
0.7021

 124.9544, 0.3565,
0.4602

 0.9941, 0.0695,
0.9305


 157.4228, 0.3542,
0.4502


 0.0000, 0.0000,
0.0000

 195.0783, 0.3521,


0.4415


 238.3052, 0.3501,
0.4340

 26.9651, 0.3667,
0.5471


 26.9651, 0.3667,
0.5471


 26.9665, 0.3667,
0.5471

 27.3120, 0.3691,
0.5373

 27.7019, 0.3698,
0.5238

 28.1487, 0.3680,
0.5058

 28.6578, 0.3639,
0.4839

 29.2337, 0.3578,
0.4592

■ 29.8805, 0.3501,
0.4328

■ 30.6019, 0.3414,
0.4057

■ 31.4012, 0.3320,
0.3790

■ 32.2815, 0.3223,
0.3533

Harmonies

Analogous

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



26.9651, 0.4634, 0.4878



26.9651, 0.3667, 0.5471



26.9651, 0.2627, 0.5204

Triad

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



26.9651, 0.3667, 0.5471



26.9651, 0.1298, 0.1935



26.9651, 0.4523, 0.2624

Complementary

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



26.9651, 0.3667, 0.5471



3.0284, 0.1723, 0.0723

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.



26.9651, 0.3301, 0.2060



26.9651, 0.3667, 0.5471



26.9651, 0.1586, 0.1668

Square

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



26.9651, 0.3667, 0.5471



26.9651, 0.1343, 0.2659



26.9651, 0.2243, 0.1726



26.9651, 0.5309, 0.3315

Rectangle

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



26.9651, 0.3667, 0.5471



26.9651, 0.2021, 0.4415



26.9651, 0.2243, 0.1726



26.9651, 0.4131, 0.2416

Sweetspot

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



26.9665, 0.3667, 0.5471



55.4989, 0.3419, 0.4073



9.0852, 0.5939, 0.3666



12.0968, 0.3454, 0.4179



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.



26.9665, 0.3667, 0.5471



48.8703, 0.3657, 0.5479



24.0719, 0.3075, 0.5941



7.6179, 0.3216, 0.3514



22.2305, 0.3671, 0.5468



0.4186, 0.3891, 0.5292

Inverse Universe

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



3.0284, 0.1723, 0.0723



5.4082, 0.1706, 0.0713



6.7454, 0.2714, 0.1269



6.5293, 0.3033, 0.3062



2.5109, 0.1730, 0.0726



0.0657, 0.2162, 0.0965

Previews

White Background



This preview shows how the Yxy color 26.9651, 0.3667, 0.5471 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 26.9651, 0.3667, 0.5471 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

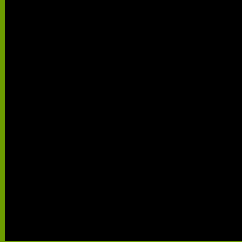
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.9651, 0.3667, 0.5471

Background



This preview shows how black text looks on a background with the Yxy color 26.9651, 0.3667, 0.5471.



This preview shows how white text looks on a background with the Yxy color 26.9651, 0.3667, 0.5471.

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

26.9651, 0.3667, 0.5471

Protanopia

26.8196, 0.4403, 0.4886

Deuteranopia

26.6089, 0.4623, 0.4536



Tritanopia

26.8961, 0.2800, 0.3089

Trichromacy



Original Color

26.9651, 0.3667, 0.5471

Protanomaly

26.5302, 0.4124, 0.5108

Deuteranomaly

26.1653, 0.4281, 0.4886

Tritanomaly

26.2665, 0.3266, 0.4181

Monochromacy



Original Color

26.9651, 0.3667, 0.5471

Achromatopsia

20.1556, 0.3127, 0.3290

Achromatomaly

22.0244, 0.3507, 0.4368

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.9651, 0.3667, 0.5471 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(108, 156, 0)` looks like.

```
.text, #text, p{  
    color:rgb(108, 156, 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(108, 156, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 156, 0) }
```

Border

The CSS property to change the border of an element to Yxy 26.9651, 0.3667, 0.5471 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(108, 156, 0) }
```

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

```
.border{ border-color:rgb(108, 156, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 156, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 156, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 156, 0);  
box-shadow:4px 4px 4px 4px rgb(108, 156,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 26.9651, 0.3667, 0.5471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 156, 0) }
```

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

```
.background{ background-color: rgb(108,  
156, 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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