

Converting Colors

$Y_{xy}(26.6499, 0.3835, 0.5485)$

Have a look what the booklet for
Yxy(26.6499, 0.3835, 0.5485)
contains.

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Color

Yxy(26.5644, 0.3788, 0.5374)

Conversions

Conversions Part 1

Format	Color
Hex	759900
RGB	117, 153, 0
RGB Percent	46%, 60%, 0%
CMY	0.5413, 0.4000, 0.9997
CMYK	0.24, 0.00, 1.00, 0.40
HSL	74°, 100%, 30%
HSV	74°, 100%, 60%
XYZ	18.7246, 26.5644, 4.1423
YIQ	124.7940, 27.6570, -55.2150

Conversions

Conversions Part 2

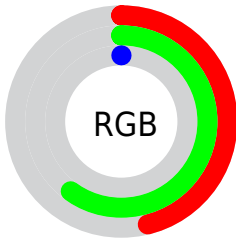
Format	Color
RYB	0, 153, 36
Decimal	7706880
CIELab	58.57, -30.48, 61.30
CIELCh	59, 68.463, 116.440
Yxy	26.5644, 0.3788, 0.5374
Android (android.graphics.Color)	4285896960 (0xFF759900)
YUV	124.7940, -61.5234, -6.8353
Hunter-Lab	51.5407, -25.3476, 31.3133

Details

The Yxy color **26.5644, 0.3788, 0.5374** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **2.6790, 0.1642, 0.0679**, and the grayscale version is **20.6408, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.9648, 0.3737, 0.4956**, and **10.5595, 0.3572, 0.5546** is the 20% darker color. If you saturate the color by 10%, you get **26.5642, 0.3788, 0.5374**, and if you desaturate by 10%, it is **26.8555, 0.3801, 0.5287**.

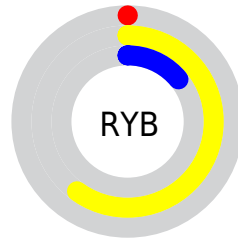
Distribution



Red (46%)

Green (60%)

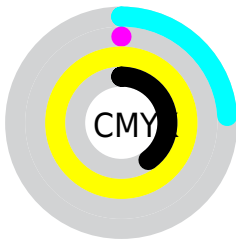
Blue (0%)



Red (0%)

Yellow (60%)

Blue (14%)

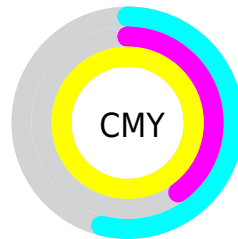


Cyan (24%)

Magenta (0%)

Yellow (100%)

Black (40%)



Cyan (54%)


Magenta (40%)


Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.5644, 0.3788, 0.5374 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 26.5644, 0.3788, 0.5374 by changing the saturation by 10% instead.


 26.5644, 0.3788,
0.5374


 26.5644, 0.3788,
0.5374


285.5418, 0.3534,
0.4241


 17.2463, 0.3792,
0.5650


 54.1841, 0.3731,
0.4957

 10.4103, 0.3772,
0.6018


 73.2545, 0.3698,
0.4800


 5.6718, 0.3614,
0.6386

 96.3445, 0.3665,
0.4668

 2.6466, 0.3236,
0.6764

 123.8384, 0.3634,
0.4556


 0.9501, 0.1422,
0.8578

 156.1207, 0.3605,
0.4460

 0.0000, 0.0000,
0.0000

 193.5758, 0.3579,


0.4377


 236.5880, 0.3555,
0.4305


 26.5644, 0.3788,
0.5374


 26.5644, 0.3788,
0.5374


 26.5642, 0.3788,
0.5374

 26.8555, 0.3801,
0.5287

 27.1815, 0.3796,
0.5165

 27.5554, 0.3766,
0.4999

 27.9823, 0.3712,
0.4795

 28.4663, 0.3638,
0.4561

■ 29.0112, 0.3549,
0.4308

■ 29.6204, 0.3448,
0.4046

■ 30.2969, 0.3342,
0.3784

■ 31.0437, 0.3234,
0.3530

Harmonies

Analogous

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



26.5644, 0.4707, 0.4760



26.5644, 0.3788, 0.5374



26.5644, 0.2767, 0.5232

Triad

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



26.5644, 0.3788, 0.5374



26.5644, 0.1324, 0.2029



26.5644, 0.4351, 0.2567

Complementary

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



26.5644, 0.3788, 0.5374



2.6790, 0.1642, 0.0679

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.



26.5644, 0.3158, 0.2035



26.5644, 0.3788, 0.5374



26.5644, 0.1568, 0.1717

Square

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



26.5644, 0.3788, 0.5374



26.5644, 0.1413, 0.2805



26.5644, 0.2168, 0.1738



26.5644, 0.5196, 0.3238

Rectangle

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



26.5644, 0.3788, 0.5374



26.5644, 0.2150, 0.4538



26.5644, 0.2168, 0.1738



26.5644, 0.3960, 0.2369

Sweetspot

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



26.5656, 0.3788, 0.5374



52.9658, 0.3455, 0.4063



8.0207, 0.6087, 0.3548



11.6002, 0.3495, 0.4164



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



26.5656, 0.3788, 0.5374



47.4788, 0.3780, 0.5381



23.2543, 0.3122, 0.5902



7.1495, 0.3226, 0.3512



21.9674, 0.3791, 0.5372



0.3444, 0.3982, 0.5220

Inverse Universe

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



2.6790, 0.1642, 0.0679



4.7202, 0.1627, 0.0670



5.7615, 0.2553, 0.1180



6.0931, 0.3023, 0.3063



2.2250, 0.1648, 0.0681



0.0478, 0.2041, 0.0898

Previews

White Background



This preview shows how the Yxy color 26.5644, 0.3788, 0.5374 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 26.5644, 0.3788, 0.5374 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

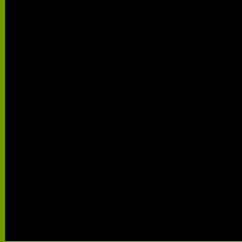
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.5644, 0.3788, 0.5374

Background



This preview shows how black text looks on a background with the Yxy color 26.5644, 0.3788, 0.5374.



This preview shows how white text looks on a background with the Yxy color 26.5644, 0.3788, 0.5374.

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

26.5644, 0.3788, 0.5374

Protanopia

26.4207, 0.4405, 0.4885

Deuteranopia

26.2060, 0.4634, 0.4543



Tritanopia

26.4249, 0.2890, 0.3090

Trichromacy



Original Color

26.5644, 0.3788, 0.5374

Protanomaly

26.1801, 0.4182, 0.5062

Deuteranomaly

25.7684, 0.4332, 0.4852

Tritanomaly

25.7996, 0.3368, 0.4150

Monochromacy



Original Color

26.5644, 0.3788, 0.5374

Achromatopsia

20.5079, 0.3127, 0.3290

Achromatomaly

22.0447, 0.3552, 0.4316

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.5644, 0.3788, 0.5374 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(117, 153, 0)` looks like.

```
.text, #text, p{  
    color:rgb(117, 153, 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(117, 153, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 153, 0) }
```

Border

The CSS property to change the border of an element to Yxy 26.5644, 0.3788, 0.5374 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(117, 153, 0) }
```

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

```
.border{ border-color:rgb(117, 153, 0) }
```

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

Here you see how a box with a 4 pixel rgb(117, 153, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 153, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 153, 0);  
box-shadow:4px 4px 4px 4px rgb(117, 153,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 26.5644, 0.3788, 0.5374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 153, 0) }
```

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

```
.background{ background-color: rgb(117,  
153, 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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