

Converting Colors

$Y_{xy}(26.0735, 0.3749, 0.5211)$

Have a look what the booklet for
Yxy(26.0735, 0.3749, 0.5211)
contains.

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Color

Yxy(26.0735, 0.3749, 0.5211)

Conversions

Conversions Part 1

Format	Color
Hex	76971D
RGB	118, 151, 29
RGB Percent	46%, 59%, 11%
CMY	0.5373, 0.4078, 0.8864
CMYK	0.22, 0.00, 0.81, 0.41
HSL	76°, 68%, 35%
HSV	76°, 81%, 59%
XYZ	18.7583, 26.0735, 5.2037
YIQ	127.2250, 19.4940, -44.9380

Conversions

Conversions Part 2

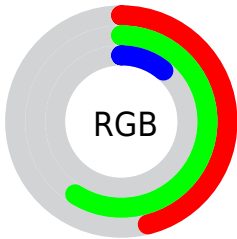
Format	Color
R_{YB}	29, 151, 62
Decimal	7771933
CIE Lab	58.11, -28.32, 55.19
CIE LCh	58, 62.031, 117.161
Yxy	26.0735, 0.3749, 0.5211
Android (android.graphics.Color)	4285962013 (0xFF76971D)
YUV	127.2250, -48.4249, -8.0903
Hunter-Lab	51.0622, -23.7848, 29.7014

Details

The Yxy color **26.0735, 0.3749, 0.5211** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **4.1350, 0.1916, 0.0989**, and the grayscale version is **21.4684, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.2028, 0.3679, 0.4809**, and **10.2382, 0.3623, 0.5505** is the 20% darker color. If you saturate the color by 10%, you get **25.7377, 0.3747, 0.5336**, and if you desaturate by 10%, it is **26.4607, 0.3727, 0.5041**.

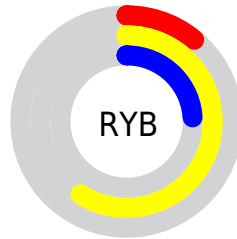
Distribution



Red (46%)

Green (59%)

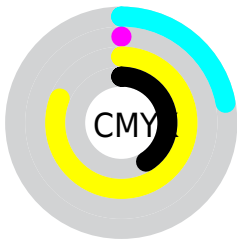
Blue (11%)



Red (11%)

Yellow (59%)

Blue (24%)

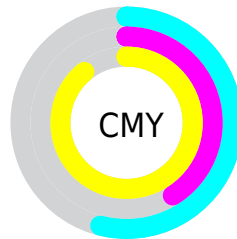


Cyan (22%)

Magenta (0%)

Yellow (81%)

Black (41%)



Cyan (54%)


Magenta (41%)


Yellow (89%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.0735, 0.3749, 0.5211 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 26.0735, 0.3749, 0.5211 by changing the saturation by 10% instead.


 26.0735, 0.3749,
0.5211


 26.0735, 0.3749,
0.5211


283.1427, 0.3491,
0.4152


 16.8786, 0.3768,
0.5483


 53.3935, 0.3682,
0.4813

 10.1480, 0.3754,
0.5824

 72.2874, 0.3647,
0.4666


 5.4972, 0.3694,
0.6306

 95.1831, 0.3614,
0.4543

 2.5418, 0.3334,
0.6666

 122.4651, 0.3585,
0.4440

 0.8975, 0.1527,
0.8473

 154.5176, 0.3558,
0.4352

 0.0000, 0.0000,
0.0000

 191.7251, 0.3533,

0.4276

234.4720, 0.3511,
0.4210

■ 26.0735, 0.3749,
0.5211

■ 26.0735, 0.3749,
0.5211

■ 25.7377, 0.3747,
0.5336

■ 26.4607, 0.3727,
0.5041

■ 25.4602, 0.3730,
0.5421

■ 26.9006, 0.3681,
0.4833

■ 27.3985, 0.3615,
0.4595

■ 27.9582, 0.3533,
0.4337

■ 28.5831, 0.3439,
0.4072

■ 29.2760, 0.3339,
0.3808

■ 30.0400, 0.3237,
0.3552

■ 30.8777, 0.3135,
0.3309

■ 31.7916, 0.3037,
0.3083

Harmonies

Analogous

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



26.0735, 0.4599, 0.4702



26.0735, 0.3749, 0.5211



26.0735, 0.2796, 0.5019

Triad

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



26.0735, 0.3749, 0.5211



26.0735, 0.1442, 0.2119



26.0735, 0.4272, 0.2641

Complementary

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



26.0735, 0.3749, 0.5211



4.1350, 0.1916, 0.0989

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.



26.0735, 0.3189, 0.2132



26.0735, 0.3749, 0.5211



26.0735, 0.1682, 0.1822

Square

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



26.0735, 0.3749, 0.5211



26.0735, 0.1527, 0.2838



26.0735, 0.2261, 0.1844



26.0735, 0.5032, 0.3282

Rectangle

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



26.0735, 0.3749, 0.5211



26.0735, 0.2221, 0.4387



26.0735, 0.2261, 0.1844



26.0735, 0.3920, 0.2451

Sweetspot

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



26.0747, 0.3749, 0.5211



51.9563, 0.3376, 0.3904



10.0604, 0.5423, 0.3717



11.7163, 0.3409, 0.3991



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.



26.0747, 0.3749, 0.5211



45.6548, 0.3729, 0.5405



23.1066, 0.3168, 0.5630



7.1389, 0.3221, 0.3513



21.6722, 0.3733, 0.5418



0.3415, 0.3950, 0.5246

Inverse Universe

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



4.1350, 0.1916, 0.0989



5.0114, 0.1693, 0.0720



7.2879, 0.2751, 0.1419



6.1031, 0.3028, 0.3063



2.3118, 0.1686, 0.0702



0.0507, 0.2111, 0.0937

Previews

White Background



This preview shows how the Yxy color 26.0735, 0.3749, 0.5211 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 26.0735, 0.3749, 0.5211 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 26.0735, 0.3749, 0.5211

Background



This preview shows how black text looks on a background with the Yxy color 26.0735, 0.3749, 0.5211.



This preview shows how white text looks on a background with the Yxy color 26.0735, 0.3749, 0.5211.

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

26.0735, 0.3749, 0.5211

Protanopia

25.9988, 0.4328, 0.4794

Deuteranopia

25.7630, 0.4568, 0.4475



Tritanopia

26.1420, 0.2918, 0.3107

Trichromacy



Original Color

26.0735, 0.3749, 0.5211

Protanomaly

25.8653, 0.4114, 0.4949

Deuteranomaly

25.4566, 0.4264, 0.4748

Tritanomaly

25.7480, 0.3296, 0.3968

Monochromacy



Original Color

26.0735, 0.3749, 0.5211

Achromatopsia

21.2231, 0.3127, 0.3290

Achromatomaly

22.6487, 0.3460, 0.4124

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.0735, 0.3749, 0.5211 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(118, 151, 29)` looks like.

```
.text, #text, p{  
    color:rgb(118, 151, 29)  
}
```

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(118, 151, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 151, 29) }
```

Border

The CSS property to change the border of an element to Yxy 26.0735, 0.3749, 0.5211 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(118, 151, 29) }
```

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

```
.border{ border-color:rgb(118, 151, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 151, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 151, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 151, 29);  
box-shadow:4px 4px 4px 4px rgb(118, 151,  
29) }
```


Background

The CSS property to change the background color of an element to Yxy 26.0735, 0.3749, 0.5211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 151, 29) }
```

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

```
.background{ background-color: rgb(118,  
151, 29) }
```

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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