

Converting Colors

$Y_{xy}(26.0280, 0.3597, 0.5274)$

Have a look what the booklet for
Yxy(26.0280, 0.3597, 0.5274)
contains.

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Color

Yxy(26.0238, 0.3594, 0.5271)

Conversions

Conversions Part 1

Format	Color
Hex	6B9922
RGB	107, 153, 34
RGB Percent	42%, 60%, 13%
CMY	0.5804, 0.4000, 0.8665
CMYK	0.30, 0.00, 0.78, 0.40
HSL	83°, 64%, 37%
HSV	83°, 78%, 60%
XYZ	17.7442, 26.0238, 5.6037
YIQ	125.6800, 10.7830, -46.7610

Conversions

Conversions Part 2

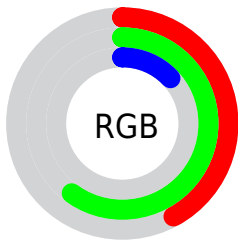
Format	Color
RYB	34, 153, 80
Decimal	7051554
CIELab	58.06, -33.46, 53.30
CIElCh	58, 62.927, 122.119
Yxy	26.0238, 0.3594, 0.5271
Android (android.graphics.Color)	4285241634 (0xFF6B9922)
YUV	125.6800, -45.1982, -16.3824
Hunter-Lab	51.0135, -27.1855, 29.1966

Details

The Yxy color **26.0238, 0.3594, 0.5271** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **5.1531, 0.2122, 0.1135**, and the grayscale version is **20.9054, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.4977, 0.3559, 0.4854**, and **10.2596, 0.3430, 0.5658** is the 20% darker color. If you saturate the color by 10%, you get **25.6011, 0.3582, 0.5431**, and if you desaturate by 10%, it is **26.5132, 0.3583, 0.5066**.

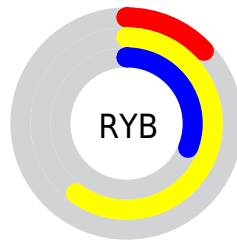
Distribution



Red (42%)

Green (60%)

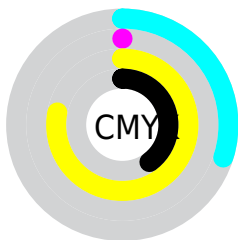
Blue (13%)



Red (13%)

Yellow (60%)

Blue (31%)

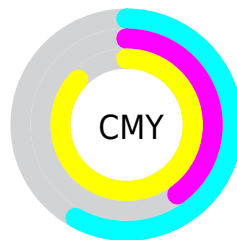


Cyan (30%)

Magenta (0%)

Yellow (78%)

Black (40%)



Cyan (58%)


Magenta (40%)

Yellow (87%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 26.0238, 0.3594, 0.5271 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 26.0238, 0.3594, 0.5271 by changing the saturation by 10% instead.


 26.0238, 0.3594,
0.5271


 26.0238, 0.3594,
0.5271


 282.8989, 0.3419,
0.4160


 16.8414, 0.3592,
0.5568


 53.3133, 0.3557,
0.4846


 10.1215, 0.3549,
0.5945


 72.1893, 0.3534,
0.4692


 5.4796, 0.3470,
0.6530

 95.0653, 0.3511,
0.4564

 2.5313, 0.3043,
0.6957

 122.3256, 0.3489,
0.4457

 0.8923, 0.0339,
0.9661

 154.3548, 0.3469,
0.4365

 0.0000, 0.0000,
0.0000

 191.5371, 0.3451,

0.4287

234.2570, 0.3434,
0.4219

■ 26.0238, 0.3594,
0.5271

■ 26.0238, 0.3594,
0.5271

■ 25.6011, 0.3582,
0.5431

■ 26.5132, 0.3583,
0.5066

■ 25.2329, 0.3549,
0.5546

■ 27.0710, 0.3550,
0.4824

■ 25.1546, 0.3541,
0.5570

■ 27.7028, 0.3498,
0.4559

■ 28.4125, 0.3432,
0.4282

■ 29.2039, 0.3357,
0.4004

■ 30.0804, 0.3275,
0.3734

■ 31.0451, 0.3192,
0.3477

■ 32.1009, 0.3109,
0.3238

■ 33.2507, 0.3028,
0.3018

Harmonies

Analogous

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



26.0238, 0.4487, 0.4826



26.0238, 0.3594, 0.5271



26.0238, 0.2635, 0.4923

Triad

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



26.0238, 0.3594, 0.5271



26.0238, 0.1442, 0.2027



26.0238, 0.4453, 0.2732

Complementary

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



26.0238, 0.3594, 0.5271



5.1531, 0.2122, 0.1135

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.



26.0238, 0.3369, 0.2189



26.0238, 0.3594, 0.5271



26.0238, 0.1737, 0.1789

Square

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



26.0238, 0.3594, 0.5271



26.0238, 0.1470, 0.2675



26.0238, 0.2381, 0.1858



26.0238, 0.5124, 0.3392

Rectangle

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



26.0238, 0.3594, 0.5271



26.0238, 0.2083, 0.4205



26.0238, 0.2381, 0.1858



26.0238, 0.4111, 0.2533

Sweetspot

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



26.0249, 0.3594, 0.5271



52.9552, 0.3322, 0.3886



12.5730, 0.5096, 0.3938



11.5801, 0.3349, 0.3977



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.



26.0249, 0.3594, 0.5271



45.3735, 0.3559, 0.5514



23.5252, 0.3085, 0.5628



7.1036, 0.3204, 0.3514



20.8088, 0.3546, 0.5567



0.3320, 0.3836, 0.5336

Inverse Universe

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



5.1531, 0.2122, 0.1135



6.3830, 0.1897, 0.0850



8.9457, 0.2986, 0.1572



6.1369, 0.3045, 0.3064



2.6914, 0.1845, 0.0790



0.0602, 0.2329, 0.1057

Previews

White Background



This preview shows how the Yxy color 26.0238, 0.3594, 0.5271 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 26.0238, 0.3594, 0.5271 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 26.0238, 0.3594, 0.5271

Background



This preview shows how black text looks on a background with the Yxy color 26.0238, 0.3594, 0.5271.



This preview shows how white text looks on a background with the Yxy color 26.0238, 0.3594, 0.5271.

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

26.0238, 0.3594, 0.5271

Protanopia

25.6321, 0.4307, 0.4760

Deuteranopia

25.6830, 0.4526, 0.4443



Tritanopia

26.0430, 0.2804, 0.3103

Trichromacy



Original Color

26.0238, 0.3594, 0.5271

Protanomaly

25.4541, 0.4034, 0.4956

Deuteranomaly

25.3934, 0.4178, 0.4750

Tritanomaly

25.7062, 0.3156, 0.3967

Monochromacy



Original Color

26.0238, 0.3594, 0.5271

Achromatopsia

20.8637, 0.3127, 0.3290

Achromatomaly

22.3206, 0.3380, 0.4103

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.0238, 0.3594, 0.5271 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(107, 153, 34)` looks like.

```
.text, #text, p{  
    color:rgb(107, 153, 34)  
}
```

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(107, 153, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 153, 34) }
```

Border

The CSS property to change the border of an element to Yxy 26.0238, 0.3594, 0.5271 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(107, 153, 34) }
```

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

```
.border{ border-color:rgb(107, 153, 34) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 153, 34)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 153, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 153, 34);  
box-shadow:4px 4px 4px 4px rgb(107, 153,  
34) }
```


Background

The CSS property to change the background color of an element to Yxy 26.0238, 0.3594, 0.5271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 153, 34) }
```

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

```
.background{ background-color: rgb(107,  
153, 34) }
```

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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