

Converting Colors

$Yxy(26.1744, 0.3553, 0.5137)$

Have a look what the booklet for
Yxy(26.1744, 0.3553, 0.5137)
contains.

Yxy(26.1679, 0.3548, 0.5139)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(26.1679, 0.3548, 0.5139)

Conversions

Conversions Part 1

Format	Color
Hex	6C992E
RGB	108, 153, 46
RGB Percent	42%, 60%, 18%
CMY	0.5766, 0.4000, 0.8195
CMYK	0.29, 0.00, 0.70, 0.40
HSL	85°, 54%, 39%
HSV	85°, 70%, 60%
XYZ	18.0665, 26.1679, 6.6858
YIQ	127.3470, 7.5270, -42.8170

Conversions

Conversions Part 2

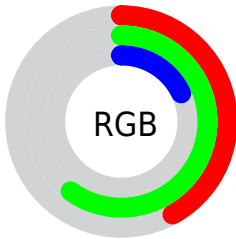
Format	Color
RYB	46, 153, 91
Decimal	7117102
CIELab	58.20, -32.33, 49.02
CIELCh	58, 58.720, 123.402
Yxy	26.1679, 0.3548, 0.5139
Android (android.graphics.Color)	4285307182 (0xFF6C992E)
YUV	127.3470, -40.1041, -16.9673
Hunter-Lab	51.1546, -26.4788, 28.0591

Details

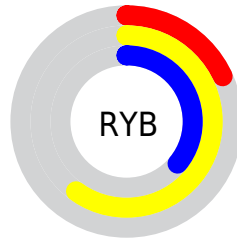
The Yxy color **26.1679, 0.3548, 0.5139** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **6.4836, 0.2286, 0.1341**, and the grayscale version is **21.4874, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.7801, 0.3513, 0.4739**, and **10.3150, 0.3457, 0.5637** is the 20% darker color. If you saturate the color by 10%, you get **25.6801, 0.3549, 0.5341**, and if you desaturate by 10%, it is **26.7308, 0.3525, 0.4898**.

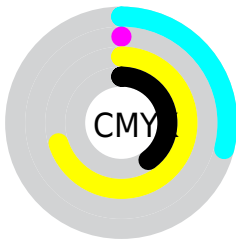
Distribution



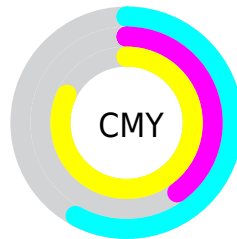
- Red (42%)
- Green (60%)
- Blue (18%)



- Red (18%)
- Yellow (60%)
- Blue (36%)



- Cyan (29%)
- Magenta (0%)
- Yellow (70%)
- Black (40%)





- Cyan (58%)
- Magenta (40%)
- Yellow (82%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 26.1679, 0.3548, 0.5139 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 26.1679, 0.3548, 0.5139 by changing the saturation by 10% instead.


 26.1679, 0.3548,
0.5139


 26.1679, 0.3548,
0.5139

 283.6053, 0.3383,
0.4096


 16.9493, 0.3553,
0.5426


 53.5457, 0.3509,
0.4736


 10.1983, 0.3525,
0.5797


 72.4737, 0.3487,
0.4591


 5.5307, 0.3524,
0.6476

 95.4069, 0.3466,
0.4471

 2.5619, 0.3114,
0.6886

 122.7297, 0.3447,
0.4371

 0.9075, 0.0747,
0.9253

 154.8266, 0.3429,
0.4287

 0.0000, 0.0000,
0.0000

 192.0819, 0.3412,

0.4214

234.8800, 0.3397,
0.4151

■ 26.1679, 0.3548,
0.5139

■ 26.1679, 0.3548,
0.5139

■ 25.6801, 0.3549,
0.5341

■ 26.7308, 0.3525,
0.4898

■ 25.2586, 0.3527,
0.5496

■ 27.3702, 0.3483,
0.4631

■ 24.8919, 0.3489,
0.5611

■ 28.0914, 0.3425,
0.4350

■ 24.8891, 0.3489,
0.5612

■ 28.8983, 0.3357,
0.4068

■ 29.7945, 0.3282,
0.3793

■ 30.7833, 0.3204,
0.3532

■ 31.8677, 0.3127,
0.3288

■ 33.0509, 0.3050,
0.3064

■ 34.3357, 0.2977,
0.2861

Harmonies

Analogous

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



26.1679, 0.4395, 0.4778



26.1679, 0.3548, 0.5139



26.1679, 0.2642, 0.4760

Triad

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



26.1679, 0.3548, 0.5139



26.1679, 0.1534, 0.2088



26.1679, 0.4402, 0.2796

Complementary

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



26.1679, 0.3548, 0.5139



6.4836, 0.2286, 0.1341

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.



26.1679, 0.3403, 0.2269



26.1679, 0.3548, 0.5139



26.1679, 0.1833, 0.1866

Square

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



26.1679, 0.3548, 0.5139



26.1679, 0.1552, 0.2690



26.1679, 0.2464, 0.1942



26.1679, 0.5006, 0.3434

Rectangle

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



26.1679, 0.3548, 0.5139



26.1679, 0.2125, 0.4090



26.1679, 0.2464, 0.1942



26.1679, 0.4090, 0.2603

Sweetspot

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



26.1691, 0.3548, 0.5139



53.1016, 0.3294, 0.3833



14.3849, 0.4793, 0.3977



11.6346, 0.3313, 0.3901



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.



26.1691, 0.3548, 0.5139



45.5372, 0.3539, 0.5436



23.7933, 0.3078, 0.5442



7.0933, 0.3199, 0.3514



20.5878, 0.3494, 0.5608



0.3291, 0.3800, 0.5365

Inverse Universe

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



6.4836, 0.2286, 0.1341



7.9766, 0.2066, 0.1011



10.1939, 0.3062, 0.1711



6.1470, 0.3050, 0.3065



2.8319, 0.1901, 0.0821



0.0631, 0.2389, 0.1090

Previews

White Background



This preview shows how the Yxy color 26.1679, 0.3548, 0.5139 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 26.1679, 0.3548, 0.5139 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

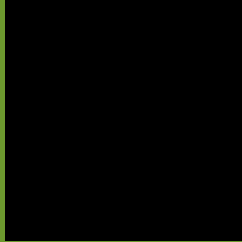
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.1679, 0.3548, 0.5139

Background



This preview shows how black text looks on a background with the Yxy color 26.1679, 0.3548, 0.5139.



This preview shows how white text looks on a background with the Yxy color 26.1679, 0.3548, 0.5139.

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

26.1679, 0.3548, 0.5139

Protanopia

25.9985, 0.4232, 0.4677

Deuteranopia

25.7582, 0.4462, 0.4361



Tritanopia

26.1156, 0.2814, 0.3103

Trichromacy



Original Color

26.1679, 0.3548, 0.5139

Protanomaly

25.9216, 0.3974, 0.4853

Deuteranomaly

25.4705, 0.4115, 0.4652

Tritanomaly

25.8871, 0.3120, 0.3871

Monochromacy



Original Color

26.1679, 0.3548, 0.5139

Achromatopsia

21.2231, 0.3127, 0.3290

Achromatomaly

22.4832, 0.3340, 0.4005

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.1679, 0.3548, 0.5139 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, 153, 46)` looks like.

```
.text, #text, p{  
    color:rgb(108, 153, 46)  
}
```

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, 153, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 153, 46) }
```

Border

The CSS property to change the border of an element to Yxy 26.1679, 0.3548, 0.5139 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, 153, 46) }
```

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

```
.border{ border-color:rgb(108, 153, 46) }
```

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

Here you see how a box with a 4 pixel rgb(108, 153, 46) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 153, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 153, 46);  
box-shadow:4px 4px 4px 4px rgb(108, 153,  
46) }
```


Background

The CSS property to change the background color of an element to Yxy 26.1679, 0.3548, 0.5139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 153, 46) }
```

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

```
.background{ background-color: rgb(108,  
153, 46) }
```

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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