

Converting Colors

$Y_{xy}(19.0338, 0.3854, 0.5262)$

Have a look what the booklet for
Yxy(19.0338, 0.3854, 0.5262)
contains.

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Color

Yxy(19.0492, 0.3858, 0.5259)

Conversions

Conversions Part 1

Format	Color
Hex	6A8209
RGB	106, 130, 9
RGB Percent	42%, 51%, 4%
CMY	0.5844, 0.4902, 0.9647
CMYK	0.18, 0.00, 0.93, 0.49
HSL	72°, 87%, 27%
HSV	72°, 93%, 51%
XYZ	13.9745, 19.0492, 3.1984
YIQ	109.0300, 24.5370, -42.7190

Conversions

Conversions Part 2

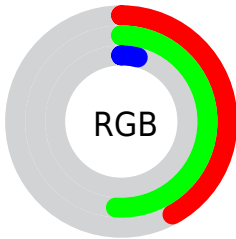
Format	Color
R_{YB}	9, 130, 33
Decimal	6980105
CIE Lab	50.74, -23.79, 53.37
CIE LCh	51, 58.432, 114.031
Yxy	19.0492, 0.3858, 0.5259
Android (android.graphics.Color)	4285170185 (0xFF6A8209)
YUV	109.0300, -49.3148, -2.6573
Hunter-Lab	43.6454, -19.2269, 26.2069

Details

The Yxy color **19.0492, 0.3858, 0.5259** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **2.1308, 0.1688, 0.0756**, and the grayscale version is **15.4390, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.8862, 0.3773, 0.4827**, and **6.6971, 0.3682, 0.5458** is the 20% darker color. If you saturate the color by 10%, you get **18.9221, 0.3856, 0.5320**, and if you desaturate by 10%, it is **19.2487, 0.3851, 0.5154**.

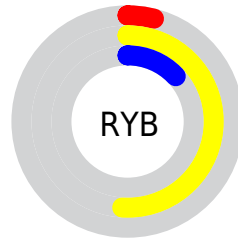
Distribution



Red (42%)

Green (51%)

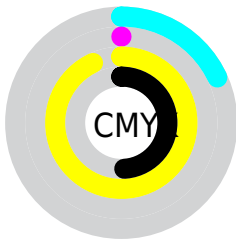
Blue (4%)



Red (4%)

Yellow (51%)

Blue (13%)

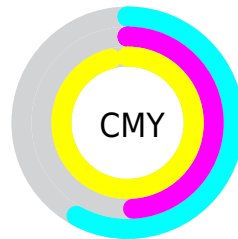


Cyan (18%)

Magenta (0%)

Yellow (93%)

Black (49%)



Cyan (58%)


Magenta (49%)


Yellow (96%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.0492, 0.3858, 0.5259 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 19.0492, 0.3858, 0.5259 by changing the saturation by 10% instead.


 19.0492, 0.3858,
0.5259


 19.0492, 0.3858,
0.5259


246.7202, 0.3532,
0.4139


 11.7058, 0.3881,
0.5551


 41.8172, 0.3770,
0.4831


 6.5437, 0.3946,
0.6054


 58.0107, 0.3725,
0.4674


 3.1784, 0.3684,
0.6316

 77.9229, 0.3684,
0.4545

 1.2256, 0.3096,
0.6904

 101.9384, 0.3646,
0.4437

 0.0824, 0.0000,
1.0000


 130.4415, 0.3613,
0.4345


 0.0000, 0.0000,
0.0000


 163.8165, 0.3583,


0.4266

 202.4480, 0.3556,
0.4198


 19.0492, 0.3858,
0.5259


 19.0492, 0.3858,
0.5259


 18.9221, 0.3856,
0.5320

 19.2487, 0.3851,
0.5154

 19.4775, 0.3820,
0.5006

 19.7396, 0.3765,
0.4820

 20.0382, 0.3690,
0.4602

 20.3756, 0.3599,
0.4362

■ 20.7542, 0.3496,
0.4110

■ 21.1761, 0.3386,
0.3854

■ 21.6431, 0.3273,
0.3603

■ 22.1573, 0.3161,
0.3362

Harmonies

Analogous

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



19.0492, 0.4720, 0.4664



19.0492, 0.3858, 0.5259



19.0492, 0.2872, 0.5179

Triad

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



19.0492, 0.3858, 0.5259



19.0492, 0.1379, 0.2124



19.0492, 0.4210, 0.2550

Complementary

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



19.0492, 0.3858, 0.5259



2.1308, 0.1688, 0.0756

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.



19.0492, 0.3073, 0.2048



19.0492, 0.3858, 0.5259



19.0492, 0.1591, 0.1785

Square

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



19.0492, 0.3858, 0.5259



19.0492, 0.1499, 0.2918



19.0492, 0.2146, 0.1779



19.0492, 0.5064, 0.3198

Rectangle

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



19.0492, 0.3858, 0.5259



19.0492, 0.2263, 0.4569



19.0492, 0.2146, 0.1779



19.0492, 0.3833, 0.2361

Sweetspot

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



19.0501, 0.3858, 0.5259



36.8663, 0.3448, 0.3996



5.7556, 0.5960, 0.3518



8.2846, 0.3487, 0.4089



65.5931, 0.3127, 0.3290



8.8982, 0.3127, 0.3290

Same Dimension

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



19.0501, 0.3858, 0.5259



33.2580, 0.3849, 0.5326



16.5987, 0.3202, 0.5764



4.9777, 0.3228, 0.3505



18.1441, 0.3857, 0.5320



0.0000, 0.0000, 0.0000

Inverse Universe

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



2.1308, 0.1688, 0.0756



3.1685, 0.1602, 0.0656



4.0664, 0.2500, 0.1195



4.2497, 0.3021, 0.3069



1.7560, 0.1619, 0.0665



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the Yxy color 19.0492, 0.3858, 0.5259 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 19.0492, 0.3858, 0.5259 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

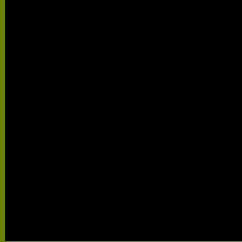
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.0492, 0.3858, 0.5259

Background



This preview shows how black text looks on a background with the Yxy color 19.0492, 0.3858, 0.5259.



This preview shows how white text looks on a background with the Yxy color 19.0492, 0.3858, 0.5259.

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

19.0492, 0.3858, 0.5259

Protanopia

18.9090, 0.4396, 0.4892

Deuteranopia

18.7760, 0.4622, 0.4537



Tritanopia

19.0684, 0.2979, 0.3120

Trichromacy



Original Color

19.0492, 0.3858, 0.5259

Protanomaly

18.7819, 0.4199, 0.5029

Deuteranomaly

18.6309, 0.4339, 0.4804

Tritanomaly

18.5979, 0.3423, 0.4055

Monochromacy



Original Color

19.0492, 0.3858, 0.5259

Achromatopsia

15.2926, 0.3127, 0.3290

Achromatomaly

16.3918, 0.3536, 0.4216

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.0492, 0.3858, 0.5259 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(106, 130, 9)` looks like.

```
.text, #text, p{  
    color:rgb(106, 130, 9)  
}
```

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(106, 130, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 130, 9) }
```

Border

The CSS property to change the border of an element to Yxy 19.0492, 0.3858, 0.5259 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(106, 130, 9) }
```

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

```
.border{ border-color:rgb(106, 130, 9) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 130, 9)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 130, 9); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 130, 9);  
box-shadow:4px 4px 4px 4px rgb(106, 130,  
9) }
```


Background

The CSS property to change the background color of an element to Yxy 19.0492, 0.3858, 0.5259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 130, 9) }
```

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

```
.background{ background-color: rgb(106,  
130, 9) }
```

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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