

Converting Colors

$Y_{xy}(25.1078, 0.3898, 0.5257)$

Have a look what the booklet for
Yxy(25.1078, 0.3898, 0.5257)
contains.

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Color

Yxy(25.0915, 0.3902, 0.5254)

Conversions

Conversions Part 1

Format	Color
Hex	7B9306
RGB	123, 147, 6
RGB Percent	48%, 58%, 2%
CMY	0.5176, 0.4235, 0.9768
CMYK	0.16, 0.00, 0.96, 0.42
HSL	70°, 92%, 30%
HSV	70°, 96%, 58%
XYZ	18.6348, 25.0915, 4.0307
YIQ	123.7500, 30.9570, -48.9390

Conversions

Conversions Part 2

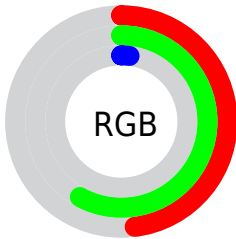
Format	Color
R_{YB}	6, 147, 30
Decimal	8098566
CIE _{Lab}	57.16, -24.90, 59.49
CIE _{LCh}	57, 64.489, 112.709
Yxy	25.0915, 0.3902, 0.5254
Android (android.graphics.Color)	4286288646 (0xFF7B9306)
YUV	123.7500, -58.0508, -0.6578
Hunter-Lab	50.0914, -21.2553, 30.2931

Details

The Yxy color **25.0915, 0.3902, 0.5254** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **2.5101, 0.1622, 0.0694**, and the grayscale version is **20.2553, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.8380, 0.3813, 0.4859**, and **9.6678, 0.3750, 0.5404** is the 20% darker color. If you saturate the color by 10%, you get **25.0057, 0.3901, 0.5285**, and if you desaturate by 10%, it is **25.3192, 0.3898, 0.5168**.

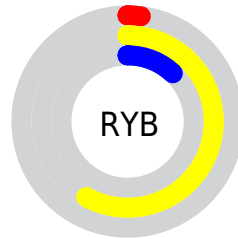
Distribution



Red (48%)

Green (58%)

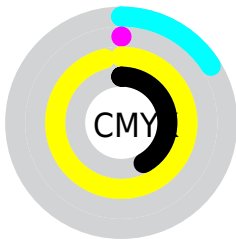
Blue (2%)



Red (2%)

Yellow (58%)

Blue (12%)

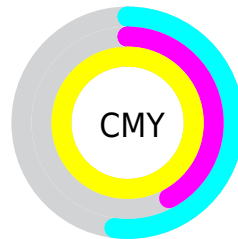


Cyan (16%)

Magenta (0%)

Yellow (96%)

Black (42%)



Cyan (52%)


Magenta (42%)


Yellow (98%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.0915, 0.3902, 0.5254 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 25.0915, 0.3902, 0.5254 by changing the saturation by 10% instead.


 25.0915, 0.3902,
0.5254

 25.0915, 0.3902,
0.5254


278.2933, 0.3574,
0.4190


 16.1452, 0.3928,
0.5511


 51.8056, 0.3815,
0.4863

 9.6270, 0.3945,
0.5860


 70.3423, 0.3771,
0.4716

 5.1523, 0.3818,
0.6182

 92.8445, 0.3729,
0.4592

 2.3369, 0.3487,
0.6513

 119.6967, 0.3692,
0.4486


 0.7932, 0.1556,
0.8444


 151.2833, 0.3658,
0.4396


 0.0000, 0.0000,
0.0000

 187.9887, 0.3627,


0.4318


 230.1972, 0.3599,
0.4249


 25.0915, 0.3902,
0.5254


 25.0915, 0.3902,
0.5254


 25.0057, 0.3901,
0.5285

 25.3192, 0.3898,
0.5168

 25.5813, 0.3871,
0.5041

 25.8849, 0.3820,
0.4872

 26.2340, 0.3746,
0.4668

 26.6323, 0.3654,
0.4437

■ 27.0829, 0.3548,
0.4188

■ 27.5886, 0.3434,
0.3933

■ 28.1523, 0.3315,
0.3678

■ 28.7763, 0.3197,
0.3432

Harmonies

Analogous

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



25.0915, 0.4759, 0.4636



25.0915, 0.3902, 0.5254



25.0915, 0.2912, 0.5219

Triad

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



25.0915, 0.3902, 0.5254



25.0915, 0.1369, 0.2141



25.0915, 0.4168, 0.2520

Complementary

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



25.0915, 0.3902, 0.5254



2.5101, 0.1622, 0.0694

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.



25.0915, 0.3024, 0.2024



25.0915, 0.3902, 0.5254



25.0915, 0.1567, 0.1784

Square

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



25.0915, 0.3902, 0.5254



25.0915, 0.1503, 0.2961



25.0915, 0.2108, 0.1766



25.0915, 0.5053, 0.3165

Rectangle

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



25.0915, 0.3902, 0.5254



25.0915, 0.2294, 0.4631



25.0915, 0.2108, 0.1766



25.0915, 0.3785, 0.2332

Sweetspot

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



25.0926, 0.3902, 0.5254



49.0648, 0.3476, 0.4026



7.1166, 0.6100, 0.3469



11.1204, 0.3520, 0.4125



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



25.0926, 0.3902, 0.5254



44.7123, 0.3895, 0.5289



21.6371, 0.3200, 0.5803



6.6953, 0.3235, 0.3510



21.6867, 0.3903, 0.5283



0.2760, 0.4053, 0.5164

Inverse Universe

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



2.5101, 0.1622, 0.0694



4.0884, 0.1574, 0.0641



4.9432, 0.2431, 0.1136



5.6776, 0.3014, 0.3063



2.0135, 0.1590, 0.0649



0.0336, 0.1909, 0.0825

Previews

White Background



This preview shows how the Yxy color 25.0915, 0.3902, 0.5254 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 25.0915, 0.3902, 0.5254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

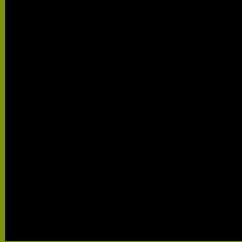
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.0915, 0.3902, 0.5254

Background



This preview shows how black text looks on a background with the Yxy color 25.0915, 0.3902, 0.5254.



This preview shows how white text looks on a background with the Yxy color 25.0915, 0.3902, 0.5254.

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

25.0915, 0.3902, 0.5254

Protanopia

24.8599, 0.4410, 0.4880

Deuteranopia

24.9241, 0.4638, 0.4550



Tritanopia

25.1488, 0.3005, 0.3123

Trichromacy



Original Color

25.0915, 0.3902, 0.5254

Protanomaly

24.8938, 0.4213, 0.5027

Deuteranomaly

24.6239, 0.4378, 0.4805

Tritanomaly

24.7196, 0.3474, 0.4089

Monochromacy



Original Color

25.0915, 0.3902, 0.5254

Achromatopsia

20.1556, 0.3127, 0.3290

Achromatomaly

21.3817, 0.3582, 0.4243

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.0915, 0.3902, 0.5254 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(123, 147, 6)` looks like.

```
.text, #text, p{  
    color:rgb(123, 147, 6)  
}
```

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(123, 147, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 147, 6) }
```

Border

The CSS property to change the border of an element to Yxy 25.0915, 0.3902, 0.5254 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(123, 147, 6) }
```

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

```
.border{ border-color:rgb(123, 147, 6) }
```

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

Here you see how a box with a 4 pixel rgb(123, 147, 6) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 147, 6); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 147, 6);  
box-shadow:4px 4px 4px 4px rgb(123, 147,  
6) }
```


Background

The CSS property to change the background color of an element to Yxy 25.0915, 0.3902, 0.5254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 147, 6) }
```

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

```
.background{ background-color: rgb(123,  
147, 6) }
```

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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