

Converting Colors

$Y_{xy}(25.2950, 0.4063, 0.5111)$

Have a look what the booklet for
Yxy(25.2950, 0.4063, 0.5111)
contains.

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Color

Yxy(25.4214, 0.4058, 0.5116)

Conversions

Conversions Part 1

Format	Color
Hex	879109
RGB	135, 145, 9
RGB Percent	53%, 57%, 4%
CMY	0.4707, 0.4313, 0.9644
CMYK	0.07, 0.00, 0.94, 0.43
HSL	64°, 88%, 30%
HSV	64°, 94%, 57%
XYZ	20.1642, 25.4214, 4.1044
YIQ	126.5060, 37.6960, -44.4160

Conversions

Conversions Part 2

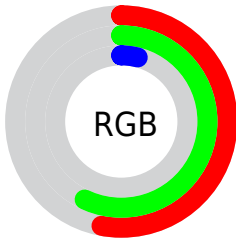
Format	Color
R_{YB}	9, 145, 19
Decimal	8884489
CIE _{Lab}	57.48, -18.53, 59.64
CIE _{LCh}	57, 62.450, 107.264
Yxy	25.4214, 0.4058, 0.5116
Android (android.graphics.Color)	4287074569 (0xFF879109)
YUV	126.5060, -57.9305, 7.4492
Hunter-Lab	50.4196, -16.8473, 30.4673

Details

The Yxy color **25.4214, 0.4058, 0.5116** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **2.3812, 0.1574, 0.0684**, and the grayscale version is **21.2402, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.5477, 0.3935, 0.4765**, and **9.9337, 0.3952, 0.5244** is the 20% darker color. If you saturate the color by 10%, you get **25.3473, 0.4067, 0.5153**, and if you desaturate by 10%, it is **25.5561, 0.4033, 0.5041**.

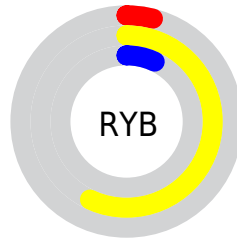
Distribution



Red (53%)

Green (57%)

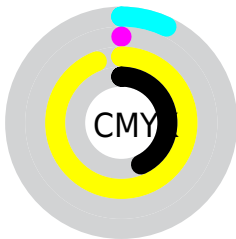
Blue (4%)



Red (4%)

Yellow (57%)

Blue (7%)

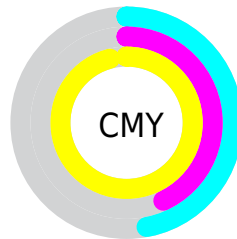


Cyan (7%)

Magenta (0%)

Yellow (94%)

Black (43%)



Cyan (47%)

Magenta (43%)

Yellow (96%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.4214, 0.4058, 0.5116 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 25.4214, 0.4058, 0.5116 by changing the saturation by 10% instead.


 25.4214, 0.4058,
0.5116

 25.4214, 0.4058,
0.5116


279.9301, 0.3639,
0.4148


 16.3913, 0.4112,
0.5340

 52.3400, 0.3934,
0.4768


 9.8015, 0.4165,
0.5635


 70.9974, 0.3878,
0.4634

 5.2675, 0.4102,
0.5898


 93.6325, 0.3826,
0.4520

 2.4051, 0.3862,
0.6138

 120.6300, 0.3780,
0.4423

 0.8285, 0.2879,
0.7121

 152.3740, 0.3739,
0.4340

 0.0000, 0.0000,
0.0000

 189.2491, 0.3702,

0.4267

231.6397, 0.3669,
0.4204

25.4214, 0.4058,
0.5116

25.4214, 0.4058,
0.5116

25.3473, 0.4067,
0.5153

25.5561, 0.4033,
0.5041

25.7224, 0.3984,
0.4923

25.9261, 0.3910,
0.4766

26.1710, 0.3815,
0.4573

26.4604, 0.3702,
0.4353

■ 26.7973, 0.3577,
0.4115

■ 27.1844, 0.3444,
0.3868

■ 27.6242, 0.3310,
0.3620

■ 28.1190, 0.3176,
0.3378

Harmonies

Analogous

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



25.4214, 0.4838, 0.4480



25.4214, 0.4058, 0.5116



25.4214, 0.3104, 0.5221

Triad

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



25.4214, 0.4058, 0.5116



25.4214, 0.1414, 0.2289



25.4214, 0.3934, 0.2442

Complementary

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



25.4214, 0.4058, 0.5116



2.3812, 0.1574, 0.0684

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.



25.4214, 0.2844, 0.1994



25.4214, 0.4058, 0.5116



25.4214, 0.1550, 0.1863

Square

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



25.4214, 0.4058, 0.5116



25.4214, 0.1615, 0.3176



25.4214, 0.2016, 0.1789



25.4214, 0.4874, 0.3056

Rectangle

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



25.4214, 0.4058, 0.5116



25.4214, 0.2481, 0.4766



25.4214, 0.2016, 0.1789



25.4214, 0.3561, 0.2270

Sweetspot

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



25.4226, 0.4058, 0.5116



48.3296, 0.3509, 0.3988



6.4776, 0.6188, 0.3355



10.6930, 0.3560, 0.4084



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



25.4226, 0.4058, 0.5116



45.3543, 0.4065, 0.5155



21.5017, 0.3322, 0.5687



6.2655, 0.3248, 0.3508



21.7432, 0.4068, 0.5152



0.2118, 0.4135, 0.5099

Inverse Universe

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



2.3812, 0.1574, 0.0684



3.7539, 0.1523, 0.0612



4.2251, 0.2241, 0.1045



5.2728, 0.3000, 0.3064



1.8179, 0.1533, 0.0618



0.0204, 0.1686, 0.0703

Previews

White Background



This preview shows how the Yxy color 25.4214, 0.4058, 0.5116 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 25.4214, 0.4058, 0.5116 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

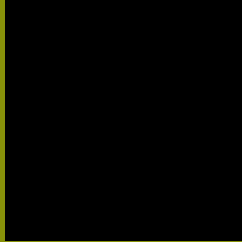
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.4214, 0.4058, 0.5116

Background



This preview shows how black text looks on a background with the Yxy color 25.4214, 0.4058, 0.5116.



This preview shows how white text looks on a background with the Yxy color 25.4214, 0.4058, 0.5116.

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

25.4214, 0.4058, 0.5116

Protanopia

25.2493, 0.4404, 0.4876

Deuteranopia

25.3015, 0.4640, 0.4559



Tritanopia

25.3920, 0.3135, 0.3127

Trichromacy



Original Color

25.4214, 0.4058, 0.5116

Protanomaly

25.3566, 0.4267, 0.4971

Deuteranomaly

25.1289, 0.4437, 0.4761

Tritanomaly

24.9725, 0.3601, 0.4027

Monochromacy



Original Color

25.4214, 0.4058, 0.5116

Achromatopsia

21.2231, 0.3127, 0.3290

Achromatomaly

22.4361, 0.3616, 0.4196

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.4214, 0.4058, 0.5116 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(135, 145, 9)` looks like.

```
.text, #text, p{  
    color:rgb(135, 145, 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(135, 145, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 145, 9) }
```

Border

The CSS property to change the border of an element to Yxy 25.4214, 0.4058, 0.5116 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(135, 145, 9) }
```

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

```
.border{ border-color:rgb(135, 145, 9) }
```

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

Here you see how a box with a 4 pixel rgb(135, 145, 9) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 145, 9); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 145, 9);  
box-shadow:4px 4px 4px 4px rgb(135, 145,  
9) }
```


Background

The CSS property to change the background color of an element to Yxy 25.4214, 0.4058, 0.5116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 145, 9) }
```

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

```
.background{ background-color: rgb(135,  
145, 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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