

Converting Colors

$Yxy(25.7957, 0.4043, 0.4983)$

Have a look what the booklet for
Yxy(25.7957, 0.4043, 0.4983)
contains.

Yxy(25.8285, 0.4048, 0.4980)	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(25.8285, 0.4048, 0.4980)

Conversions

Conversions Part 1

Format	Color
Hex	8B911D
RGB	139, 145, 29
RGB Percent	55%, 57%, 11%
CMY	0.4549, 0.4314, 0.8863
CMYK	0.04, 0.00, 0.80, 0.43
HSL	63°, 67%, 34%
HSV	63°, 80%, 57%
XYZ	20.9947, 25.8285, 5.0412
YIQ	129.9820, 33.6600, -37.3480

Conversions

Conversions Part 2

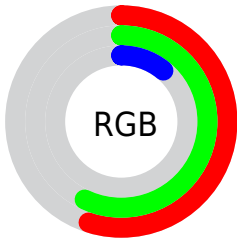
Format	Color
R _Y B	29, 145, 35
Decimal	9146653
CIE Lab	57.87, -16.18, 55.55
CIE LCh	58, 57.860, 106.235
Yxy	25.8285, 0.4048, 0.4980
Android (android.graphics.Color)	4287336733 (0xFF8B911D)
YUV	129.9820, -49.7841, 7.9088
Hunter-Lab	50.8217, -15.1988, 29.6940

Details

The Yxy color **25.8285, 0.4048, 0.4980** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **3.2809, 0.1705, 0.0896**, and the grayscale version is **22.4879, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.0890, 0.3909, 0.4661**, and **10.1157, 0.4021, 0.5189** is the 20% darker color. If you saturate the color by 10%, you get **25.7097, 0.4085, 0.5066**, and if you desaturate by 10%, it is **25.9839, 0.3986, 0.4852**.

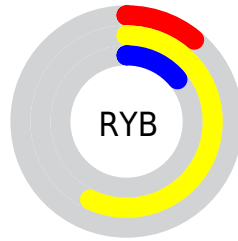
Distribution



Red (55%)

Green (57%)

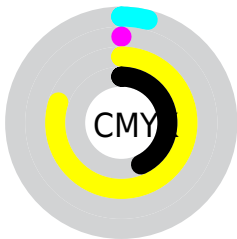
Blue (11%)



Red (11%)

Yellow (57%)

Blue (14%)

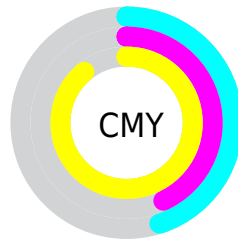


Cyan (4%)

Magenta (0%)

Yellow (80%)

Black (43%)



Cyan (45%)


Magenta (43%)

Yellow (89%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.8285, 0.4048, 0.4980 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 25.8285, 0.4048, 0.4980 by changing the saturation by 10% instead.


 25.8285, 0.4048,
0.4980


 25.8285, 0.4048,
0.4980


281.9392, 0.3617,
0.4080


 16.6954, 0.4117,
0.5195


 52.9981, 0.3913,
0.4652

 10.0175, 0.4175,
0.5454

 71.8035, 0.3854,
0.4528

 5.4106, 0.4209,
0.5791

 94.6016, 0.3802,
0.4423

 2.4901, 0.4006,
0.5994

 121.7771, 0.3756,
0.4333

 0.8717, 0.3322,
0.6678

 153.7141, 0.3715,
0.4256

 0.0000, 0.0000,
0.0000

 190.7973, 0.3678,

0.4190

233.4108, 0.3646,
0.4131

■ 25.8285, 0.4048,
0.4980

■ 25.8285, 0.4048,
0.4980

■ 25.7097, 0.4085,
0.5066

■ 25.9839, 0.3986,
0.4852

■ 25.6126, 0.4105,
0.5123

■ 26.1766, 0.3900,
0.4685

■ 25.6126, 0.4105,
0.5123

■ 26.4113, 0.3794,
0.4485

■ 26.6912, 0.3671,
0.4260

■ 27.0191, 0.3539,
0.4020

■ 27.3977, 0.3401,
0.3774

■ 27.8295, 0.3263,
0.3528

■ 28.3167, 0.3127,
0.3290

■ 28.8614, 0.2997,
0.3063

Harmonies

Analogous

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



25.8285, 0.4756, 0.4407



25.8285, 0.4048, 0.4980



25.8285, 0.3157, 0.5065

Triad

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



25.8285, 0.4048, 0.4980



25.8285, 0.1518, 0.2389



25.8285, 0.3841, 0.2482

Complementary

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



25.8285, 0.4048, 0.4980



3.2809, 0.1705, 0.0896

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.



25.8285, 0.2838, 0.2063



25.8285, 0.4048, 0.4980



25.8285, 0.1635, 0.1964

Square

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



25.8285, 0.4048, 0.4980



25.8285, 0.1729, 0.3233



25.8285, 0.2070, 0.1877



25.8285, 0.4717, 0.3064

Rectangle

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



25.8285, 0.4048, 0.4980



25.8285, 0.2568, 0.4663



25.8285, 0.2070, 0.1877



25.8285, 0.3498, 0.2320

Sweetspot

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



25.8297, 0.4048, 0.4980



48.7457, 0.3464, 0.3885



7.2994, 0.5756, 0.3363



10.7966, 0.3507, 0.3964



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.



25.8297, 0.4048, 0.4980



45.9052, 0.4099, 0.5107



22.0991, 0.3392, 0.5448



6.2714, 0.3251, 0.3508



21.9711, 0.4106, 0.5122



0.2129, 0.4152, 0.5085

Inverse Universe

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



3.2809, 0.1705, 0.0896



3.9434, 0.1535, 0.0640



5.2404, 0.2360, 0.1231



5.2675, 0.2997, 0.3063



1.7986, 0.1523, 0.0613



0.0193, 0.1632, 0.0673

Previews

White Background



This preview shows how the Yxy color 25.8285, 0.4048, 0.4980 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 25.8285, 0.4048, 0.4980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

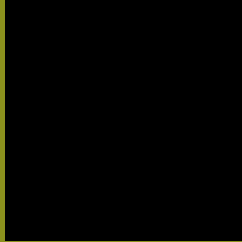
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.8285, 0.4048, 0.4980

Background



This preview shows how black text looks on a background with the Yxy color 25.8285, 0.4048, 0.4980.



This preview shows how white text looks on a background with the Yxy color 25.8285, 0.4048, 0.4980.

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

25.8285, 0.4048, 0.4980

Protanopia

25.6170, 0.4320, 0.4780

Deuteranopia

25.7439, 0.4585, 0.4497



Tritanopia

25.7928, 0.3169, 0.3114

Trichromacy



Original Color

25.8285, 0.4048, 0.4980

Protanomaly

25.6176, 0.4226, 0.4852

Deuteranomaly

25.6825, 0.4391, 0.4676

Tritanomaly

25.4643, 0.3575, 0.3897

Monochromacy



Original Color

25.8285, 0.4048, 0.4980

Achromatopsia

22.3228, 0.3127, 0.3290

Achromatomaly

23.1048, 0.3553, 0.4042

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.8285, 0.4048, 0.4980 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(139, 145, 29)` looks like.

```
.text, #text, p{  
    color:rgb(139, 145, 29)  
}
```

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(139, 145, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 145, 29) }
```

Border

The CSS property to change the border of an element to Yxy 25.8285, 0.4048, 0.4980 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(139, 145, 29) }
```

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

```
.border{ border-color:rgb(139, 145, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 145, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 145, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 145, 29);  
box-shadow:4px 4px 4px 4px rgb(139, 145,  
29) }
```


Background

The CSS property to change the background color of an element to Yxy 25.8285, 0.4048, 0.4980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 145, 29) }
```

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

```
.background{ background-color: rgb(139,  
145, 29) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor