

Converting Colors

$Y_{xy}(26.8522, 0.4422, 0.4346)$

Have a look what the booklet for
Yxy(26.8522, 0.4422, 0.4346)
contains.

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Color

Yxy(26.8535, 0.4420, 0.4347)

Conversions

Conversions Part 1

Format	Color
Hex	B08739
RGB	176, 135, 57
RGB Percent	69%, 53%, 22%
CMY	0.3099, 0.4705, 0.7764
CMYK	0.00, 0.23, 0.68, 0.31
HSL	39°, 51%, 46%
HSV	39°, 68%, 69%
XYZ	27.3045, 26.8535, 7.6168
YIQ	138.3670, 49.4740, -15.5660

Conversions

Conversions Part 2

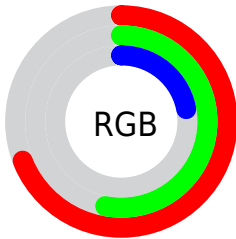
Format	Color
R_{YB}	120, 176, 57
Decimal	11568953
CIE _{Lab}	58.84, 7.34, 46.62
CIE _{LCh}	59, 47.198, 81.059
Yxy	26.8535, 0.4420, 0.4347
Android (android.graphics.Color)	4289759033 (0xFFB08739)
YUV	138.3670, -40.1139, 33.0041
Hunter-Lab	51.8204, 3.3671, 27.5595

Details

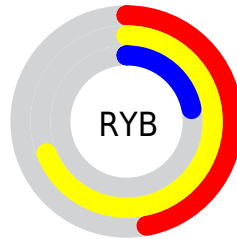
The Yxy color **26.8535, 0.4420, 0.4347** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **12.7372, 0.2001, 0.1835**, and the grayscale version is **25.7064, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.7113, 0.4178, 0.4160**, and **10.6508, 0.4769, 0.4585** is the 20% darker color. If you saturate the color by 10%, you get **25.0649, 0.4614, 0.4428**, and if you desaturate by 10%, it is **28.8019, 0.4212, 0.4228**.

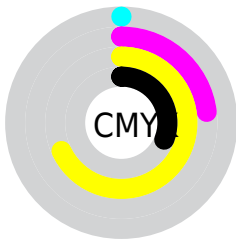
Distribution



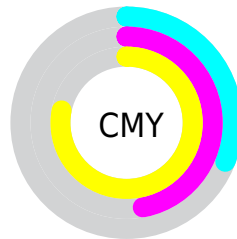
- Red (69%)
- Green (53%)
- Blue (22%)



- Red (47%)
- Yellow (69%)
- Blue (22%)



- Cyan (0%)
- Magenta (23%)
- Yellow (68%)
- Black (31%)





- Cyan (31%)
- Magenta (47%)
- Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.8535, 0.4420, 0.4347 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 26.8535, 0.4420, 0.4347 by changing the saturation by 10% instead.


 26.8535, 0.4420,
0.4347


 26.8535, 0.4420,
0.4347


286.9471, 0.3747,
0.3822


 17.4632, 0.4580,
0.4458


 54.6487, 0.4177,
0.4166


 10.5653, 0.4771,
0.4580


 73.8224, 0.4084,
0.4094

 5.7754, 0.5060,
0.4761

 97.0260, 0.4006,
0.4032

 2.7090, 0.5231,
0.4769

 124.6440, 0.3938,
0.3979

 0.9818, 0.5369,
0.4631

 157.0607, 0.3881,
0.3932

 0.0000, 1.0000,
0.0000

 194.6605, 0.3830,

 0.0000, 0.0000,

0.3891

0.0000

237.8279, 0.3786,
0.3855

■ 26.8535, 0.4420,
0.4347

■ 26.8535, 0.4420,
0.4347

■ 25.0649, 0.4614,
0.4428

■ 28.8019, 0.4212,
0.4228

■ 23.4240, 0.4785,
0.4463

■ 30.9133, 0.3999,
0.4081

■ 21.9202, 0.4926,
0.4450

■ 33.1957, 0.3792,
0.3918

■ 21.5754, 0.4959,
0.4444

■ 35.6549, 0.3594,
0.3747

■ 38.2967, 0.3411,
0.3576

■ 41.1263, 0.3244,
0.3411

■ 44.1487, 0.3092,
0.3253

■ 47.3686, 0.2957,
0.3105

■ 50.7907, 0.2836,
0.2968

Harmonies

Analogous

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



26.8535, 0.4694, 0.3793



26.8535, 0.4420, 0.4347



26.8535, 0.3814, 0.4718

Triad

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



26.8535, 0.4420, 0.4347



26.8535, 0.1919, 0.3136



26.8535, 0.3027, 0.2305

Complementary

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



26.8535, 0.4420, 0.4347



12.7372, 0.2001, 0.1835

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.



26.8535, 0.2340, 0.2111



26.8535, 0.4420, 0.4347



26.8535, 0.1771, 0.2488

Square

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



26.8535, 0.4420, 0.4347



26.8535, 0.2372, 0.3986



26.8535, 0.1914, 0.2158



26.8535, 0.3841, 0.2695

Rectangle

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



26.8535, 0.4420, 0.4347



26.8535, 0.3318, 0.4727



26.8535, 0.1914, 0.2158



26.8535, 0.2774, 0.2216

Sweetspot

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



26.8548, 0.4420, 0.4347



68.1219, 0.3460, 0.3623



13.0502, 0.4524, 0.2733



14.4768, 0.3510, 0.3670



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



26.8548, 0.4420, 0.4347



44.0028, 0.4700, 0.4451



38.6225, 0.3859, 0.4905



9.4040, 0.3271, 0.3439



15.9459, 0.4949, 0.4453



0.6053, 0.4690, 0.4658

Inverse Universe

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



12.7372, 0.2001, 0.1835



16.8582, 0.1802, 0.1478



7.5520, 0.1978, 0.1226



8.6928, 0.2985, 0.3137



4.8181, 0.1648, 0.1133



0.2630, 0.1813, 0.1726

Previews

White Background



This preview shows how the Yxy color 26.8535, 0.4420, 0.4347 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 26.8535, 0.4420, 0.4347 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

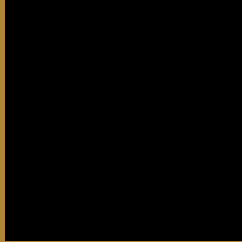
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.8535, 0.4420, 0.4347

Background



This preview shows how black text looks on a background with the Yxy color 26.8535, 0.4420, 0.4347.



This preview shows how white text looks on a background with the Yxy color 26.8535, 0.4420, 0.4347.

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

26.8535, 0.4420, 0.4347

Protanopia

26.9309, 0.4126, 0.4524

Deuteranopia

26.8535, 0.4420, 0.4347



Tritanopia

26.9014, 0.3683, 0.3163

Trichromacy



Original Color

26.8535, 0.4420, 0.4347

Protanomaly

26.7701, 0.4245, 0.4454

Deuteranomaly

26.8535, 0.4420, 0.4347

Tritanomaly

26.7301, 0.3997, 0.3627

Monochromacy



Original Color

26.8535, 0.4420, 0.4347

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

25.6708, 0.3602, 0.3750

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.8535, 0.4420, 0.4347 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(176, 135, 57)` looks like.

```
.text, #text, p{  
    color:rgb(176, 135, 57)  
}
```

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(176, 135, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 135, 57) }
```

Border

The CSS property to change the border of an element to Yxy 26.8535, 0.4420, 0.4347 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(176, 135, 57) }
```

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

```
.border{ border-color:rgb(176, 135, 57) }
```

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

Here you see how a box with a 4 pixel rgb(176, 135, 57) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 135, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 135, 57);  
box-shadow:4px 4px 4px 4px rgb(176, 135,  
57) }
```


Background

The CSS property to change the background color of an element to Yxy 26.8535, 0.4420, 0.4347 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 135, 57) }
```

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

```
.background{ background-color: rgb(176,  
135, 57) }
```

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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