

Converting Colors

$Y_{xy}(26.0363, 0.4342, 0.4355)$

Have a look what the booklet for
Yxy(26.0363, 0.4342, 0.4355)
contains.

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Color

Yxy(25.9120, 0.4346, 0.4349)

Conversions

Conversions Part 1

Format	Color
Hex	AA863B
RGB	170, 134, 59
RGB Percent	67%, 53%, 23%
CMY	0.3333, 0.4745, 0.7686
CMYK	0.00, 0.21, 0.65, 0.33
HSL	41°, 48%, 45%
HSV	41°, 65%, 67%
XYZ	25.8941, 25.9120, 7.7754
YIQ	136.2140, 45.5310, -15.6930

Conversions

Conversions Part 2

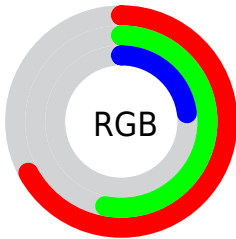
Format	Color
R _Y B	112, 170, 59
Decimal	11175483
CIE Lab	57.95, 5.37, 44.53
CIE LCh	58, 44.853, 83.125
Yxy	25.9120, 0.4346, 0.4349
Android (android.graphics.Color)	4289365563 (0xFFAA863B)
YUV	136.2140, -38.0665, 29.6303
Hunter-Lab	50.9038, 1.7190, 26.5763

Details

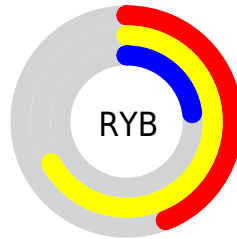
The Yxy color **25.9120, 0.4346, 0.4349** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **12.0210, 0.2029, 0.1854**, and the grayscale version is **24.8390, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.1388, 0.4116, 0.4164**, and **10.0854, 0.4675, 0.4615** is the 20% darker color. If you saturate the color by 10%, you get **24.2795, 0.4536, 0.4444**, and if you desaturate by 10%, it is **27.6841, 0.4144, 0.4218**.

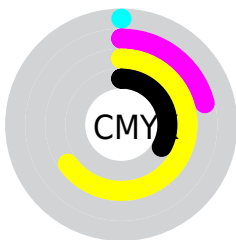
Distribution



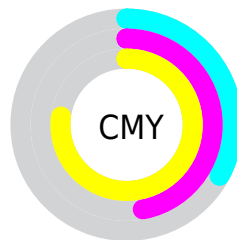
- Red (67%)
- Green (53%)
- Blue (23%)



- Red (44%)
- Yellow (67%)
- Blue (23%)



- Cyan (0%)
- Magenta (21%)
- Yellow (65%)
- Black (33%)





- Cyan (33%)
- Magenta (47%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.9120, 0.4346, 0.4349 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 25.9120, 0.4346, 0.4349 by changing the saturation by 10% instead.


 25.9120, 0.4346,
0.4349


 25.9120, 0.4346,
0.4349

282.3498, 0.3706,
0.3812


 16.7578, 0.4500,
0.4469

 53.1329, 0.4113,
0.4160


 10.0620, 0.4686,
0.4604


 71.9685, 0.4025,
0.4086


 5.4401, 0.4968,
0.4806

 94.8000, 0.3951,
0.4023

 2.5077, 0.5143,
0.4857

 122.0117, 0.3887,
0.3969

 0.8805, 0.5253,
0.4747

 153.9882, 0.3832,
0.3922

 0.0000, 0.0000,
0.0000

 191.1138, 0.3785,

0.3881

233.7729, 0.3743,
0.3844

■ 25.9120, 0.4346,
0.4349

■ 25.9120, 0.4346,
0.4349

■ 24.2795, 0.4536,
0.4444

■ 27.6841, 0.4144,
0.4218

■ 22.7756, 0.4704,
0.4495

■ 29.5980, 0.3938,
0.4063

■ 21.3932, 0.4842,
0.4497

■ 31.6609, 0.3737,
0.3894

■ 20.7759, 0.4903,
0.4489

■ 33.8777, 0.3546,
0.3718

■ 36.2535, 0.3369,
0.3544

■ 38.7927, 0.3207,
0.3376

■ 41.4997, 0.3060,
0.3216

■ 44.3786, 0.2928,
0.3066

■ 47.4333, 0.2810,
0.2928

Harmonies

Analogous

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



25.9120, 0.4633, 0.3822



25.9120, 0.4346, 0.4349



25.9120, 0.3748, 0.4676

Triad

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



25.9120, 0.4346, 0.4349



25.9120, 0.1940, 0.3094



25.9120, 0.3085, 0.2357

Complementary

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



25.9120, 0.4346, 0.4349



12.0210, 0.2029, 0.1854

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.



25.9120, 0.2407, 0.2155



25.9120, 0.4346, 0.4349



25.9120, 0.1814, 0.2487

Square

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



25.9120, 0.4346, 0.4349



25.9120, 0.2362, 0.3903



25.9120, 0.1973, 0.2185



25.9120, 0.3866, 0.2748

Rectangle

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



25.9120, 0.4346, 0.4349



25.9120, 0.3266, 0.4654



25.9120, 0.1973, 0.2185



25.9120, 0.2837, 0.2266

Sweetspot

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



25.9133, 0.4346, 0.4349



63.5460, 0.3457, 0.3632



12.5209, 0.4482, 0.2770



13.9111, 0.3506, 0.3680



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



25.9133, 0.4346, 0.4349



42.8934, 0.4608, 0.4471



35.6979, 0.3825, 0.4872



8.3573, 0.3270, 0.3442



15.3851, 0.4894, 0.4496



0.4612, 0.4613, 0.4719

Inverse Universe

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



12.0210, 0.2029, 0.1854



16.0063, 0.1827, 0.1502



7.6307, 0.2040, 0.1306



7.6832, 0.2986, 0.3133



4.2474, 0.1635, 0.1086



0.1956, 0.1825, 0.1770

Previews

White Background



This preview shows how the Yxy color 25.9120, 0.4346, 0.4349 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 25.9120, 0.4346, 0.4349 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 25.9120, 0.4346, 0.4349

Background



This preview shows how black text looks on a background with the Yxy color 25.9120, 0.4346, 0.4349.



This preview shows how white text looks on a background with the Yxy color 25.9120, 0.4346, 0.4349.

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

25.9120, 0.4346, 0.4349

Protanopia

26.0617, 0.4093, 0.4494

Deuteranopia

25.9751, 0.4391, 0.4319



Tritanopia

25.9294, 0.3615, 0.3144

Trichromacy



Original Color

25.9120, 0.4346, 0.4349

Protanomaly

25.9768, 0.4180, 0.4450

Deuteranomaly

25.8615, 0.4380, 0.4325

Tritanomaly

25.7819, 0.3919, 0.3607

Monochromacy



Original Color

25.9120, 0.4346, 0.4349

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

24.7066, 0.3573, 0.3743

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.9120, 0.4346, 0.4349 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(170, 134, 59)` looks like.

```
.text, #text, p{  
    color:rgb(170, 134, 59)  
}
```

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(170, 134, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 134, 59) }
```

Border

The CSS property to change the border of an element to Yxy 25.9120, 0.4346, 0.4349 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(170, 134, 59) }
```

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

```
.border{ border-color:rgb(170, 134, 59) }
```

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

Here you see how a box with a 4 pixel rgb(170, 134, 59) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 134, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 134, 59);  
box-shadow:4px 4px 4px 4px rgb(170, 134,  
59) }
```


Background

The CSS property to change the background color of an element to Yxy 25.9120, 0.4346, 0.4349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 134, 59) }
```

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

```
.background{ background-color: rgb(170,  
134, 59) }
```

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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