

Converting Colors

$Y_{xy}(25.6238, 0.4587, 0.4507)$

Have a look what the booklet for
Yxy(25.6238, 0.4587, 0.4507)
contains.

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Color

$\text{Yxy}(25.6225, 0.4579, 0.4511)$

Conversions

Conversions Part 1

Format	Color
Hex	AE8423
RGB	174, 132, 35
RGB Percent	68%, 52%, 14%
CMY	0.3177, 0.4823, 0.8625
CMYK	0.00, 0.24, 0.80, 0.32
HSL	42°, 66%, 41%
HSV	42°, 80%, 68%
XYZ	26.0087, 25.6225, 5.1688
YIQ	133.5000, 56.1690, -21.2630

Conversions

Conversions Part 2

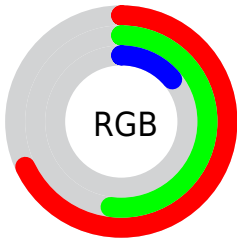
Format	Color
RYB	95, 174, 35
Decimal	11437091
CIELab	57.68, 7.04, 54.61
CIElCh	58, 55.064, 82.657
Yxy	25.6225, 0.4579, 0.4511
Android (android.graphics.Color)	4289627171 (0xFFAE8423)
YUV	133.5000, -48.5605, 35.5185
Hunter-Lab	50.6187, 3.1337, 29.3788

Details

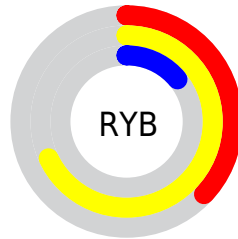
The Yxy color **25.6225, 0.4579, 0.4511** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **8.7259, 0.1806, 0.1434**, and the grayscale version is **23.8155, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.7261, 0.4318, 0.4319**, and **9.9684, 0.4790, 0.4579** is the 20% darker color. If you saturate the color by 10%, you get **24.1545, 0.4724, 0.4543**, and if you desaturate by 10%, it is **27.2162, 0.4407, 0.4432**.

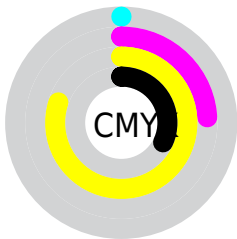
Distribution



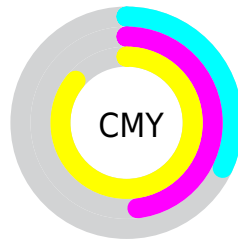
- Red (68%)
- Green (52%)
- Blue (14%)



- Red (37%)
- Yellow (68%)
- Blue (14%)



- Cyan (0%)
- Magenta (24%)
- Yellow (80%)
- Black (32%)




- Cyan (32%)
- Magenta (48%)
- Yellow (86%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.6225, 0.4579, 0.4511 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 25.6225, 0.4579, 0.4511 by changing the saturation by 10% instead.


 25.6225, 0.4579,
0.4511


 25.6225, 0.4579,
0.4511


280.9240, 0.3840,
0.3921


 16.5414, 0.4739,
0.4622


 52.6653, 0.4321,
0.4316


 9.9081, 0.4922,
0.4733


 71.3959, 0.4219,
0.4236


 5.3381, 0.5148,
0.4852

 94.1117, 0.4132,
0.4165

 2.4470, 0.5228,
0.4772

 121.1972, 0.4057,
0.4104

 0.8499, 0.5374,
0.4626

 153.0368, 0.3992,
0.4049

 0.0000, 0.0000,
0.0000

 190.0149, 0.3934,

0.4002

232.5158, 0.3884,
0.3959

■ 25.6225, 0.4579,
0.4511

■ 25.6225, 0.4579,
0.4511

■ 24.1545, 0.4724,
0.4543

■ 27.2162, 0.4407,
0.4432

■ 22.7931, 0.4844,
0.4534

■ 28.9394, 0.4218,
0.4312

■ 22.7736, 0.4846,
0.4534

■ 30.8002, 0.4019,
0.4163

■ 32.8044, 0.3821,
0.3994

■ 34.9575, 0.3628,
0.3815

■ 37.2647, 0.3447,
0.3634

■ 39.7306, 0.3279,
0.3457

■ 42.3597, 0.3125,
0.3288

■ 45.1563, 0.2986,
0.3128

Harmonies

Analogous

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



25.6225, 0.4955, 0.3862



25.6225, 0.4579, 0.4511



25.6225, 0.3848, 0.4981

Triad

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



25.6225, 0.4579, 0.4511



25.6225, 0.1710, 0.3036



25.6225, 0.3048, 0.2177

Complementary

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



25.6225, 0.4579, 0.4511



8.7259, 0.1806, 0.1434

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.



25.6225, 0.2244, 0.1945



25.6225, 0.4579, 0.4511



25.6225, 0.1573, 0.2311

Square

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



25.6225, 0.4579, 0.4511



25.6225, 0.2196, 0.4070



25.6225, 0.1752, 0.1972



25.6225, 0.4016, 0.2625

Rectangle

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



25.6225, 0.4579, 0.4511



25.6225, 0.3271, 0.5006



25.6225, 0.1752, 0.1972



25.6225, 0.2750, 0.2073

Sweetspot

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



25.6238, 0.4579, 0.4511



65.6567, 0.3528, 0.3717



10.7676, 0.5031, 0.2783



14.2703, 0.3592, 0.3780



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.



25.6238, 0.4579, 0.4511



41.8746, 0.4816, 0.4534



36.7329, 0.3870, 0.5123



8.9154, 0.3270, 0.3448



16.6283, 0.4837, 0.4541



0.5526, 0.4601, 0.4729

Inverse Universe

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



8.7259, 0.1806, 0.1434



10.6215, 0.1633, 0.1052



5.2378, 0.1814, 0.0937



8.1371, 0.2986, 0.3127



4.1284, 0.1619, 0.1029



0.2122, 0.1794, 0.1660

Previews

White Background



This preview shows how the Yxy color 25.6225, 0.4579, 0.4511 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 25.6225, 0.4579, 0.4511 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 25.6225, 0.4579, 0.4511

Background



This preview shows how black text looks on a background with the Yxy color 25.6225, 0.4579, 0.4511.



This preview shows how white text looks on a background with the Yxy color 25.6225, 0.4579, 0.4511.

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

25.6225, 0.4579, 0.4511

Protanopia

25.6667, 0.4277, 0.4716

Deuteranopia

25.7378, 0.4591, 0.4504



Tritanopia

25.5627, 0.3710, 0.3147

Trichromacy



Original Color

25.6225, 0.4579, 0.4511

Protanomaly

25.5222, 0.4399, 0.4635

Deuteranomaly

25.7378, 0.4591, 0.4504

Tritanomaly

25.2498, 0.4118, 0.3717

Monochromacy



Original Color

25.6225, 0.4579, 0.4511

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

24.0465, 0.3706, 0.3877

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.6225, 0.4579, 0.4511 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(174, 132, 35)` looks like.

```
.text, #text, p{  
    color:rgb(174, 132, 35)  
}
```

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(174, 132, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 132, 35) }
```

Border

The CSS property to change the border of an element to Yxy 25.6225, 0.4579, 0.4511 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(174, 132, 35) }
```

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

```
.border{ border-color:rgb(174, 132, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 132, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 132, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 132, 35);  
box-shadow:4px 4px 4px 4px rgb(174, 132,  
35) }
```


Background

The CSS property to change the background color of an element to Yxy 25.6225, 0.4579, 0.4511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 132, 35) }
```

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

```
.background{ background-color: rgb(174,  
132, 35) }
```

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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