

Converting Colors

$Y_{xy}(27.9519, 0.4610, 0.4517)$

Have a look what the booklet for
Yxy(27.9519, 0.4610, 0.4517)
contains.

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Color

$Y_{xy}(27.9519, 0.4610, 0.4517)$

Conversions

Conversions Part 1

Format	Color
Hex	B68922
RGB	182, 137, 34
RGB Percent	71%, 54%, 13%
CMY	0.2862, 0.4627, 0.8668
CMYK	0.00, 0.25, 0.81, 0.29
HSL	42°, 69%, 42%
HSV	42°, 81%, 71%
XYZ	28.5274, 27.9519, 5.4023
YIQ	138.7130, 59.8830, -22.4930

Conversions

Conversions Part 2

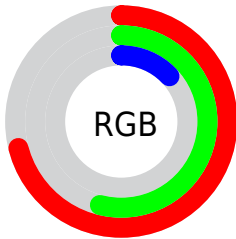
Format	Color
R_{YB}	99, 182, 34
Decimal	11962658
CIE _{Lab}	59.85, 7.85, 57.28
CIE _{LCh}	60, 57.812, 82.197
Yxy	27.9519, 0.4610, 0.4517
Android (android.graphics.Color)	4290152738 (0xFFB68922)
YUV	138.7130, -51.6235, 37.9627
Hunter-Lab	52.8696, 3.7935, 30.9504

Details

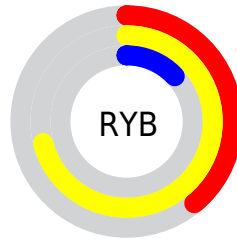
The Yxy color **27.9519, 0.4610, 0.4517** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **9.3060, 0.1785, 0.1397**, and the grayscale version is **25.8872, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.4087, 0.4358, 0.4328**, and **11.2645, 0.4794, 0.4576** is the 20% darker color. If you saturate the color by 10%, you get **26.3415, 0.4751, 0.4540**, and if you desaturate by 10%, it is **29.7013, 0.4441, 0.4446**.

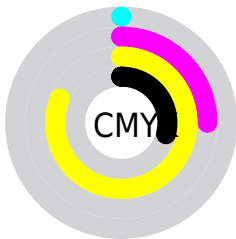
Distribution



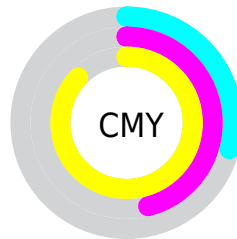
- Red (71%)
- Green (54%)
- Blue (13%)



- Red (39%)
- Yellow (71%)
- Blue (13%)



- Cyan (0%)
- Magenta (25%)
- Yellow (81%)
- Black (29%)





- Cyan (29%)
- Magenta (46%)
- Yellow (87%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.9519, 0.4610, 0.4517 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 27.9519, 0.4610, 0.4517 by changing the saturation by 10% instead.


 27.9519, 0.4610,
0.4517


 27.9519, 0.4610,
0.4517


292.2370, 0.3868,
0.3939

 18.2894, 0.4767,
0.4621

 56.4076, 0.4355,
0.4330

 11.1580, 0.4941,
0.4721


 75.9697, 0.4253,
0.4252

 6.1732, 0.5165,
0.4835


 99.6003, 0.4166,
0.4182

 2.9507, 0.5244,
0.4756

 127.6840, 0.4090,
0.4121

 1.1060, 0.5383,
0.4617

 160.6052, 0.4023,
0.4067

 0.0000, 1.0000,
0.0000

 198.7481, 0.3965,

 0.0000, 0.0000,

0.4019

0.0000

242.4972, 0.3914,
0.3977

■ 27.9519, 0.4610,
0.4517

■ 27.9519, 0.4610,
0.4517

■ 26.3415, 0.4751,
0.4540

■ 29.7013, 0.4441,
0.4446

■ 25.0411, 0.4854,
0.4528

■ 31.5945, 0.4253,
0.4332

■ 33.6405, 0.4054,
0.4187

■ 35.8461, 0.3854,
0.4020

■ 38.2175, 0.3659,
0.3843

■ 40.7605, 0.3474,
0.3661

■ 43.4804, 0.3303,
0.3483

■ 46.3823, 0.3147,
0.3312

■ 49.4710, 0.3005,
0.3151

Harmonies

Analogous

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



27.9519, 0.4989, 0.3855



27.9519, 0.4610, 0.4517



27.9519, 0.3868, 0.5008

Triad

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



27.9519, 0.4610, 0.4517



27.9519, 0.1691, 0.3043



27.9519, 0.3031, 0.2154

Complementary

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



27.9519, 0.4610, 0.4517



9.3060, 0.1785, 0.1397

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.



27.9519, 0.2218, 0.1922



27.9519, 0.4610, 0.4517



27.9519, 0.1549, 0.2300

Square

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



27.9519, 0.4610, 0.4517



27.9519, 0.2188, 0.4102



27.9519, 0.1725, 0.1953



27.9519, 0.4018, 0.2604

Rectangle

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



27.9519, 0.4610, 0.4517



27.9519, 0.3282, 0.5047



27.9519, 0.1725, 0.1953



27.9519, 0.2728, 0.2050

Sweetspot

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



27.9533, 0.4610, 0.4517



72.4406, 0.3530, 0.3717



11.6804, 0.5093, 0.2787



15.6375, 0.3595, 0.3781



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



27.9533, 0.4610, 0.4517



45.4920, 0.4845, 0.4524



40.5314, 0.3874, 0.5146



10.0300, 0.3271, 0.3449



17.8027, 0.4844, 0.4536



0.7312, 0.4640, 0.4698

Inverse Universe

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



9.3060, 0.1785, 0.1397



11.2407, 0.1619, 0.1016



5.5155, 0.1788, 0.0901



9.1529, 0.2985, 0.3126



4.4415, 0.1619, 0.1029



0.2692, 0.1771, 0.1575

Previews

White Background



This preview shows how the Yxy color 27.9519, 0.4610, 0.4517 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 27.9519, 0.4610, 0.4517 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 27.9519, 0.4610, 0.4517

Background



This preview shows how black text looks on a background with the Yxy color 27.9519, 0.4610, 0.4517.



This preview shows how white text looks on a background with the Yxy color 27.9519, 0.4610, 0.4517.

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

27.9519, 0.4610, 0.4517

Protanopia

28.0596, 0.4285, 0.4744

Deuteranopia

27.9519, 0.4610, 0.4517



Tritanopia

27.9359, 0.3737, 0.3166

Trichromacy



Original Color

27.9519, 0.4610, 0.4517

Protanomaly

27.9024, 0.4402, 0.4664

Deuteranomaly

27.9519, 0.4610, 0.4517

Tritanomaly

27.5918, 0.4143, 0.3727

Monochromacy



Original Color

27.9519, 0.4610, 0.4517

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

26.0851, 0.3721, 0.3889

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.9519, 0.4610, 0.4517 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(182, 137, 34)` looks like.

```
.text, #text, p{  
    color:rgb(182, 137, 34)  
}
```

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(182, 137, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 137, 34) }
```

Border

The CSS property to change the border of an element to Yxy 27.9519, 0.4610, 0.4517 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(182, 137, 34) }
```

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

```
.border{ border-color:rgb(182, 137, 34) }
```

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

Here you see how a box with a 4 pixel rgb(182, 137, 34) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 137, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 137, 34);  
box-shadow:4px 4px 4px 4px rgb(182, 137,  
34) }
```


Background

The CSS property to change the background color of an element to Yxy 27.9519, 0.4610, 0.4517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 137, 34) }
```

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

```
.background{ background-color: rgb(182,  
137, 34) }
```

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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