

Converting Colors

$Yxy(14.6655, 0.2899, 0.5597)$

Have a look what the booklet for
Yxy(14.6655, 0.2899, 0.5597)
contains.

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Color

Yxy(14.5566, 0.2899, 0.5593)

Conversions

Conversions Part 1

Format	Color
Hex	047C22
RGB	4, 124, 34
RGB Percent	2%, 49%, 13%
CMY	0.9849, 0.5137, 0.8667
CMYK	0.97, 0.00, 0.73, 0.51
HSL	135°, 94%, 25%
HSV	135°, 97%, 49%
XYZ	7.5451, 14.5566, 3.9248
YIQ	77.8600, -42.6300, -53.4300

Conversions

Conversions Part 2

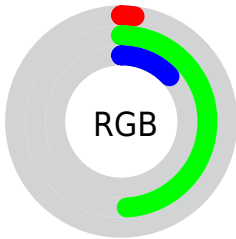
Format	Color
RYB	4, 100, 124
Decimal	293922
CIELab	45.02, -48.13, 39.14
CIELCh	45, 62.039, 140.882
Yxy	14.5566, 0.2899, 0.5593
Android (android.graphics.Color)	4278484002 (0xFF047C22)
YUV	77.8600, -21.6230, -64.7752
Hunter-Lab	38.1531, -31.4682, 20.6080

Details

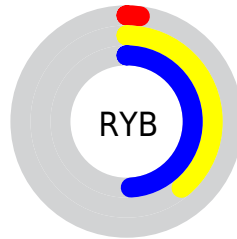
The Yxy color **14.5566, 0.2899, 0.5593** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **5.1753, 0.3905, 0.1949**, and the grayscale version is **7.6308, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.1864, 0.3023, 0.4961**, and **4.7651, 0.3000, 0.6000** is the 20% darker color. If you saturate the color by 10%, you get **14.5163, 0.2903, 0.5652**, and if you desaturate by 10%, it is **14.7058, 0.2881, 0.5385**.

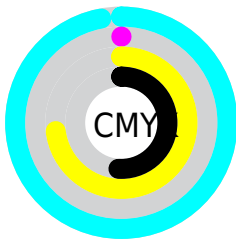
Distribution



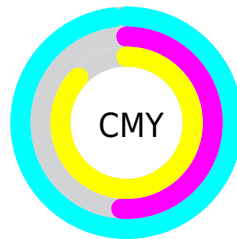
- Red (2%)
- Green (49%)
- Blue (13%)



- Red (2%)
- Yellow (39%)
- Blue (49%)



- Cyan (97%)
- Magenta (0%)
- Yellow (73%)
- Black (51%)




- Cyan (98%)
- Magenta (51%)
- Yellow (87%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.5566, 0.2899, 0.5593 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 14.5566, 0.2899, 0.5593 by changing the saturation by 10% instead.


 14.5566, 0.2899,
0.5593


 14.5566, 0.2899,
0.5593


220.6665, 0.3116,
0.4128


 8.5088, 0.2764,
0.6101


 34.0734, 0.3023,
0.4962


 4.4222, 0.2563,
0.6995

 48.3112, 0.3053,
0.4757


 1.9124, 0.1749,
0.8251

 66.0478, 0.3073,
0.4595

 0.5558, 0.0000,
1.0000

 87.6676, 0.3088,
0.4465


 0.0000, 0.0000,
0.0000


 113.5550, 0.3098,
0.4358


 144.0943, 0.3106,


0.4268

 179.6700, 0.3111,
0.4193


 14.5566, 0.2899,
0.5593

 14.5566, 0.2899,
0.5593


 14.5163, 0.2903,
0.5652

 14.7058, 0.2881,
0.5385

 14.9263, 0.2873,
0.5143

 15.2359, 0.2879,
0.4878

 15.6433, 0.2897,
0.4604

 16.1562, 0.2926,
0.4333

■ 16.7815, 0.2963,
0.4073

■ 17.5255, 0.3005,
0.3832

■ 18.3939, 0.3050,
0.3611

■ 19.3922, 0.3096,
0.3413

Harmonies

Analogous

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



14.5566, 0.3993, 0.5468



14.5566, 0.2899, 0.5593



14.5566, 0.1915, 0.4464

Triad

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



14.5566, 0.2899, 0.5593



14.5566, 0.1376, 0.1623



14.5566, 0.5293, 0.3064

Complementary

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



14.5566, 0.2899, 0.5593



5.1753, 0.3905, 0.1949

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.



14.5566, 0.4236, 0.2378



14.5566, 0.2899, 0.5593



14.5566, 0.1930, 0.1594

Square

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



14.5566, 0.2899, 0.5593



14.5566, 0.1182, 0.2017



14.5566, 0.2922, 0.1857



14.5566, 0.5511, 0.3824

Rectangle

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



14.5566, 0.2899, 0.5593



14.5566, 0.1474, 0.3418



14.5566, 0.2922, 0.1857



14.5566, 0.5016, 0.2825

Sweetspot

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



14.5572, 0.2899, 0.5593



30.4489, 0.2993, 0.3897



16.8034, 0.3774, 0.5355



7.0608, 0.2978, 0.3983



63.8283, 0.3127, 0.3290



8.3535, 0.3127, 0.3290

Same Dimension

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



14.5572, 0.2899, 0.5593



25.5228, 0.2914, 0.5689



15.2494, 0.2469, 0.4060



4.4649, 0.3086, 0.3454



14.7553, 0.2904, 0.5653



70.2662, 0.2926, 0.5734

Inverse Universe

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



5.1753, 0.3905, 0.1949



8.9056, 0.3956, 0.1953



4.4843, 0.5745, 0.2981



4.0612, 0.3171, 0.3131



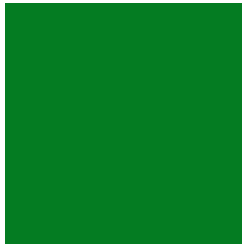
5.1574, 0.3937, 0.1942



24.4596, 0.3983, 0.1968

Previews

White Background



This preview shows how the Yxy color 14.5566, 0.2899, 0.5593 looks on a white 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

Black Background



This preview shows how the Yxy color 14.5566, 0.2899, 0.5593 looks on a black 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

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

Yxy 14.5566, 0.2899, 0.5593

Background



This preview shows how black text looks on a background with the Yxy color 14.5566, 0.2899, 0.5593.



This preview shows how white text looks on a background with the Yxy color 14.5566, 0.2899, 0.5593.

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

14.5566, 0.2899, 0.5593

Protanopia

14.3187, 0.4251, 0.4688

Deuteranopia

14.3873, 0.4388, 0.4322



Tritanopia

14.6753, 0.2375, 0.3081

Trichromacy



Original Color

14.5566, 0.2899, 0.5593



Protanomaly

13.4870, 0.3528, 0.5165



Deuteranomaly

13.0218, 0.3604, 0.4889



Tritanomaly

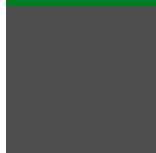
14.3064, 0.2560, 0.3985

Monochromacy



Original Color

14.5566, 0.2899, 0.5593



Achromatopsia

7.6185, 0.3127, 0.3290



Achromatomaly

9.2360, 0.2933, 0.4282

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.5566, 0.2899, 0.5593 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(4, 124, 34)` looks like.

```
.text, #text, p{  
  color:rgb(4, 124, 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(4, 124, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 124, 34) }
```

Border

The CSS property to change the border of an element to Yxy 14.5566, 0.2899, 0.5593 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(4, 124, 34) }
```

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

```
.border{ border-color:rgb(4, 124, 34) }
```

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

Here you see how a box with a 4 pixel `rgb(4, 124, 34)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 124, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(4, 124, 34);  
box-shadow:4px 4px 4px 4px rgb(4, 124, 34)  
}
```


Background

The CSS property to change the background color of an element to Yxy 14.5566, 0.2899, 0.5593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 124, 34) }
```

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

```
.background{ background-color: rgb(4, 124,  
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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