

Converting Colors

$Y_{xy}(14.6655, 0.2898, 0.5596)$

Have a look what the booklet for
Yxy(14.6655, 0.2898, 0.5596)
contains.

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Color

Yxy(14.5502, 0.2897, 0.5594)

Conversions

Conversions Part 1

Format	Color
Hex	037C22
RGB	3, 124, 34
RGB Percent	1%, 49%, 13%
CMY	0.9877, 0.5137, 0.8666
CMYK	0.97, 0.00, 0.73, 0.51
HSL	135°, 95%, 25%
HSV	135°, 97%, 49%
XYZ	7.5352, 14.5502, 3.9250
YIQ	77.5610, -43.2260, -53.6420

Conversions

Conversions Part 2

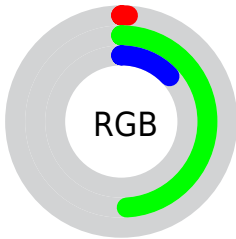
Format	Color
R_{YB}	3, 99, 124
Decimal	228386
CIE _{Lab}	45.01, -48.19, 39.13
CIE _{LCh}	45, 62.072, 140.926
Yxy	14.5502, 0.2897, 0.5594
Android (android.graphics.Color)	4278418466 (0xFF037C22)
YUV	77.5610, -21.4756, -65.3900
Hunter-Lab	38.1447, -31.4919, 20.6006

Details

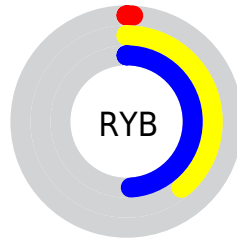
The Yxy color **14.5502, 0.2897, 0.5594** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **5.1455, 0.3926, 0.1956**, and the grayscale version is **7.5867, 0.3127, 0.3290**.

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 **14.5176, 0.2900, 0.5641**, and if you desaturate by 10%, it is **14.6973, 0.2879, 0.5387**.

Distribution



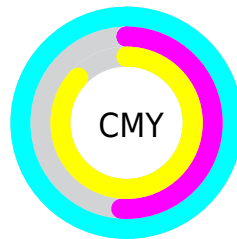
- Red (1%)
- Green (49%)
- Blue (13%)



- Red (1%)
- Yellow (39%)
- Blue (49%)



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





- Cyan (99%)
- Magenta (51%)
- Yellow (87%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.5502, 0.2897, 0.5594 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 14.5502, 0.2897, 0.5594 by changing the saturation by 10% instead.


 14.5502, 0.2897,
0.5594


 14.5502, 0.2897,
0.5594


220.6273, 0.3115,
0.4128


 8.5043, 0.2761,
0.6102


 34.0621, 0.3021,
0.4963


 4.4193, 0.2560,
0.6998

 48.2970, 0.3052,
0.4757

 1.9108, 0.1743,
0.8257

 66.0303, 0.3072,
0.4596

 0.5548, 0.0000,
1.0000


 87.6464, 0.3087,
0.4465


 0.0000, 0.0000,
0.0000


 113.5298, 0.3097,
0.4358


 144.0648, 0.3105,


0.4269


 179.6359, 0.3110,
0.4193


 14.5502, 0.2897,
0.5594


 14.5502, 0.2897,
0.5594


 14.5176, 0.2900,
0.5641

 14.6973, 0.2879,
0.5387

 14.9132, 0.2870,
0.5147

 15.2174, 0.2875,
0.4885

 15.6188, 0.2893,
0.4612

 16.1250, 0.2922,
0.4342

■ 16.7430, 0.2958,
0.4083

■ 17.4791, 0.3001,
0.3842

■ 18.3390, 0.3046,
0.3621

■ 19.3283, 0.3092,
0.3424

Harmonies

Analogous

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



14.5502, 0.3992, 0.5470



14.5502, 0.2897, 0.5594



14.5502, 0.1913, 0.4462

Triad

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



14.5502, 0.2897, 0.5594



14.5502, 0.1376, 0.1622



14.5502, 0.5295, 0.3064

Complementary

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



14.5502, 0.2897, 0.5594



5.1455, 0.3926, 0.1956

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.



14.5502, 0.4239, 0.2379



14.5502, 0.2897, 0.5594



14.5502, 0.1931, 0.1594

Square

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



14.5502, 0.2897, 0.5594



14.5502, 0.1182, 0.2015



14.5502, 0.2923, 0.1857



14.5502, 0.5512, 0.3825

Rectangle

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



14.5502, 0.2897, 0.5594



14.5502, 0.1472, 0.3416



14.5502, 0.2923, 0.1857



14.5502, 0.5019, 0.2826

Sweetspot

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



14.5508, 0.2897, 0.5594



30.4545, 0.2991, 0.3893



16.7901, 0.3774, 0.5361



7.0622, 0.2976, 0.3979



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.



14.5508, 0.2897, 0.5594



25.5279, 0.2911, 0.5679



15.2395, 0.2469, 0.4065



4.4652, 0.3085, 0.3453



14.7584, 0.2901, 0.5643



70.2795, 0.2924, 0.5725

Inverse Universe

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



5.1455, 0.3926, 0.1956



8.8874, 0.3973, 0.1962



4.4647, 0.5765, 0.2984



4.0609, 0.3172, 0.3132



5.1471, 0.3953, 0.1951



24.4087, 0.4000, 0.1977

Previews

White Background



This preview shows how the Yxy color 14.5502, 0.2897, 0.5594 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 14.5502, 0.2897, 0.5594 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 14.5502, 0.2897, 0.5594

Background



This preview shows how black text looks on a background with the Yxy color 14.5502, 0.2897, 0.5594.



This preview shows how white text looks on a background with the Yxy color 14.5502, 0.2897, 0.5594.

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

14.5502, 0.2897, 0.5594

Protanopia

14.3187, 0.4251, 0.4688

Deuteranopia

14.3873, 0.4388, 0.4322



Tritanopia

14.6753, 0.2375, 0.3081

Trichromacy



Original Color

14.5502, 0.2897, 0.5594



Protanomaly

13.4870, 0.3528, 0.5165



Deuteranomaly

13.0218, 0.3604, 0.4889



Tritanomaly

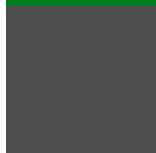
14.3064, 0.2560, 0.3985

Monochromacy



Original Color

14.5502, 0.2897, 0.5594



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 14.5502, 0.2897, 0.5594 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(3, 124, 34)` looks like.

```
.text, #text, p{  
    color:rgb(3, 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(3, 124, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 124, 34) }
```

Border

The CSS property to change the border of an element to Yxy 14.5502, 0.2897, 0.5594 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(3, 124, 34) }
```

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

```
.border{ border-color:rgb(3, 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(3, 124, 34) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 124, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 124, 34);  
box-shadow:4px 4px 4px 4px rgb(3, 124, 34)  
}
```


Background

The CSS property to change the background color of an element to Yxy 14.5502, 0.2897, 0.5594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 124, 34) }
```

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

```
.background{ background-color: rgb(3, 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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