

Converting Colors

$Y_{xy}(15.0466, 0.3307, 0.5278)$

Have a look what the booklet for
Yxy(15.0466, 0.3307, 0.5278)
contains.

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Color

Yxy(14.9543, 0.3314, 0.5280)

Conversions

Conversions Part 1

Format	Color
Hex	427923
RGB	66, 121, 35
RGB Percent	26%, 47%, 14%
CMY	0.7413, 0.5255, 0.8627
CMYK	0.45, 0.00, 0.71, 0.53
HSL	98°, 55%, 31%
HSV	98°, 71%, 47%
XYZ	9.3861, 14.9543, 3.9821
YIQ	94.7510, -5.1740, -38.4060

Conversions

Conversions Part 2

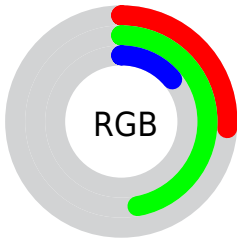
Format	Color
R_{YB}	35, 121, 90
Decimal	4356387
CIE _{Lab}	45.57, -34.28, 39.77
CIE _{LCh}	46, 52.509, 130.763
Yxy	14.9543, 0.3314, 0.5280
Android (android.graphics.Color)	4282546467 (0xFF427923)
YUV	94.7510, -29.4572, -25.2146
Hunter-Lab	38.6708, -24.3488, 20.9641

Details

The Yxy color **14.9543, 0.3314, 0.5280** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **4.7588, 0.2618, 0.1506**, and the grayscale version is **11.4526, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.8499, 0.3328, 0.4756**, and **4.6928, 0.3076, 0.5940** is the 20% darker color. If you saturate the color by 10%, you get **14.6442, 0.3294, 0.5513**, and if you desaturate by 10%, it is **15.3270, 0.3318, 0.5008**.

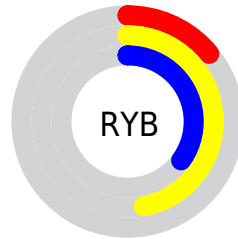
Distribution



Red (26%)

Green (47%)

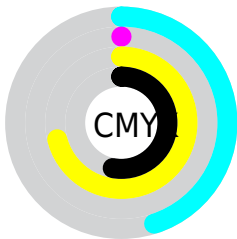
Blue (14%)



Red (14%)

Yellow (47%)

Blue (35%)

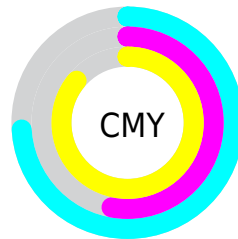


Cyan (45%)

Magenta (0%)

Yellow (71%)

Black (53%)



Cyan (74%)


Magenta (53%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 14.9543, 0.3314, 0.5280 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 14.9543, 0.3314, 0.5280 by changing the saturation by 10% instead.


 14.9543, 0.3314,
0.5280


 14.9543, 0.3314,
0.5280


223.0894, 0.3271,
0.4045


 8.7873, 0.3269,
0.5685


 34.7730, 0.3326,
0.4761


 4.6027, 0.3205,
0.6377

 49.1935, 0.3320,
0.4588


 2.0161, 0.2845,
0.7155

 67.1339, 0.3312,
0.4451

 0.6168, 0.0000,
1.0000

 88.9788, 0.3303,
0.4339

 0.0000, 0.0000,
0.0000

 115.1123, 0.3294,
0.4246

 145.9190, 0.3286,

0.4168

181.7833, 0.3278,
0.4102

■ 14.9543, 0.3314,
0.5280

■ 14.9543, 0.3314,
0.5280

■ 14.6442, 0.3294,
0.5513

■ 15.3270, 0.3318,
0.5008

■ 14.3905, 0.3258,
0.5692

■ 15.7639, 0.3308,
0.4712

■ 14.2023, 0.3222,
0.5824

■ 16.2691, 0.3285,
0.4408

■ 16.8456, 0.3253,
0.4109

■ 17.4963, 0.3216,
0.3823

■ 18.2240, 0.3175,
0.3558

■ 19.0311, 0.3132,
0.3315

■ 19.9202, 0.3089,
0.3095

■ 20.8935, 0.3047,
0.2899

Harmonies

Analogous

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



14.9543, 0.4251, 0.5008



14.9543, 0.3314, 0.5280



14.9543, 0.2378, 0.4652

Triad

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



14.9543, 0.3314, 0.5280



14.9543, 0.1489, 0.1918



14.9543, 0.4716, 0.2912

Complementary

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



14.9543, 0.3314, 0.5280



4.7588, 0.2618, 0.1506

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.



14.9543, 0.3694, 0.2325



14.9543, 0.3314, 0.5280



14.9543, 0.1882, 0.1776

Square

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



14.9543, 0.3314, 0.5280



14.9543, 0.1423, 0.2436



14.9543, 0.2633, 0.1924



14.9543, 0.5192, 0.3593

Rectangle

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



14.9543, 0.3314, 0.5280



14.9543, 0.1886, 0.3845



14.9543, 0.2633, 0.1924



14.9543, 0.4414, 0.2702

Sweetspot

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



14.9549, 0.3314, 0.5280



31.2719, 0.3218, 0.3836



11.4105, 0.4473, 0.4325



7.0902, 0.3226, 0.3896



62.0916, 0.3127, 0.3290



7.8288, 0.3127, 0.3290

Same Dimension

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



14.9549, 0.3314, 0.5280



25.9342, 0.3274, 0.5628



14.2348, 0.2951, 0.5228



4.5137, 0.3166, 0.3507



15.2122, 0.3220, 0.5825



72.1226, 0.3186, 0.5853

Inverse Universe

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



4.7588, 0.2618, 0.1506



6.4103, 0.2468, 0.1227



6.3836, 0.3426, 0.1939



4.0088, 0.3085, 0.3075



3.1832, 0.2349, 0.1068



14.6916, 0.2306, 0.1044

Previews

White Background



This preview shows how the Yxy color 14.9543, 0.3314, 0.5280 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 14.9543, 0.3314, 0.5280 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 14.9543, 0.3314, 0.5280

Background



This preview shows how black text looks on a background with the Yxy color 14.9543, 0.3314, 0.5280.



This preview shows how white text looks on a background with the Yxy color 14.9543, 0.3314, 0.5280.

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

14.9543, 0.3314, 0.5280

Protanopia

14.8225, 0.4215, 0.4674

Deuteranopia

14.7382, 0.4414, 0.4337



Tritanopia

14.9209, 0.2637, 0.3091

Trichromacy



Original Color

14.9543, 0.3314, 0.5280

Protanomaly

14.6294, 0.3847, 0.4922

Deuteranomaly

14.3350, 0.3978, 0.4696

Tritanomaly

14.7248, 0.2919, 0.3911

Monochromacy



Original Color

14.9543, 0.3314, 0.5280

Achromatopsia

11.4435, 0.3127, 0.3290

Achromatomaly

12.2665, 0.3245, 0.4058

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.9543, 0.3314, 0.5280 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(66, 121, 35)` looks like.

```
.text, #text, p{  
    color:rgb(66, 121, 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(66, 121, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 121, 35) }
```

Border

The CSS property to change the border of an element to Yxy 14.9543, 0.3314, 0.5280 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(66, 121, 35) }
```

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

```
.border{ border-color:rgb(66, 121, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 121, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 121, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 121, 35);  
box-shadow:4px 4px 4px 4px rgb(66, 121,  
35) }
```


Background

The CSS property to change the background color of an element to Yxy 14.9543, 0.3314, 0.5280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 121, 35) }
```

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

```
.background{ background-color: rgb(66, 121,  
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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