

Converting Colors

$Yxy(15.6514, 0.2862, 0.5306)$

Have a look what the booklet for
Yxy(15.6514, 0.2862, 0.5306)
contains.

Yxy(15.5207, 0.2863, 0.5307)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(15.5207, 0.2863, 0.5307)

Conversions

Conversions Part 1

Format	Color
Hex	127F30
RGB	18, 127, 48
RGB Percent	7%, 50%, 19%
CMY	0.9292, 0.5020, 0.8117
CMYK	0.86, 0.00, 0.62, 0.50
HSL	137°, 75%, 28%
HSV	137°, 86%, 50%
XYZ	8.3730, 15.5207, 5.3520
YIQ	85.4030, -39.6050, -47.6770

Conversions

Conversions Part 2

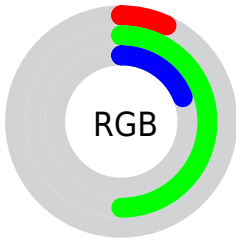
Format	Color
RYB	18, 103, 127
Decimal	1212208
CIELab	46.34, -46.23, 34.22
CIELCh	46, 57.514, 143.490
Yxy	15.5207, 0.2863, 0.5307
Android (android.graphics.Color)	4279402288 (0xFF127F30)
YUV	85.4030, -18.4397, -59.1124
Hunter-Lab	39.3963, -31.0063, 19.5229

Details

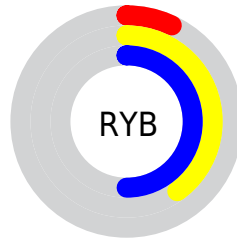
The Yxy color **15.5207, 0.2863, 0.5307** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **5.8096, 0.3865, 0.2018**, and the grayscale version is **9.2222, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.8421, 0.2978, 0.4759**, and **5.1689, 0.3000, 0.6000** is the 20% darker color. If you saturate the color by 10%, you get **15.3585, 0.2882, 0.5520**, and if you desaturate by 10%, it is **15.7637, 0.2856, 0.5064**.

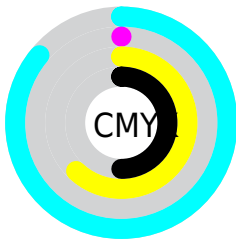
Distribution



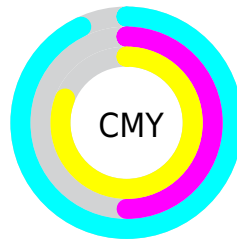
- Red (7%)
- Green (50%)
- Blue (19%)



- Red (7%)
- Yellow (40%)
- Blue (50%)



- Cyan (86%)
- Magenta (0%)
- Yellow (62%)
- Black (50%)




- Cyan (93%)
- Magenta (50%)
- Yellow (81%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.5207, 0.2863, 0.5307 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 15.5207, 0.2863, 0.5307 by changing the saturation by 10% instead.


 15.5207, 0.2863,
0.5307

 15.5207, 0.2863,
0.5307


226.4966, 0.3079,
0.4033


 9.1856, 0.2748,
0.5753


 35.7641, 0.2976,
0.4759


 4.8625, 0.2542,
0.6424

 50.4412, 0.3006,
0.4581

 2.1668, 0.2142,
0.7858

 68.6678, 0.3028,
0.4440

 0.7018, 0.0000,
1.0000

 90.8282, 0.3044,
0.4327

 0.0000, 0.0000,
0.0000

 117.3070, 0.3056,
0.4234

 148.4883, 0.3065,

0.4156

184.7567, 0.3073,
0.4089

■ 15.5207, 0.2863,
0.5307

■ 15.5207, 0.2863,
0.5307

■ 15.3585, 0.2882,
0.5520

■ 15.7637, 0.2856,
0.5064

■ 15.2998, 0.2889,
0.5601

■ 16.1004, 0.2864,
0.4803

■ 16.5404, 0.2885,
0.4535

■ 17.0916, 0.2916,
0.4273

■ 17.7612, 0.2956,
0.4023

■ 18.5557, 0.3001,
0.3791

■ 19.4812, 0.3049,
0.3579

■ 20.5432, 0.3099,
0.3390

■ 21.7472, 0.3148,
0.3222

Harmonies

Analogous

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



15.5207, 0.3887, 0.5344



15.5207, 0.2863, 0.5307



15.5207, 0.1960, 0.4226

Triad

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



15.5207, 0.2863, 0.5307



15.5207, 0.1524, 0.1726



15.5207, 0.5154, 0.3167

Complementary

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



15.5207, 0.2863, 0.5307



5.8096, 0.3865, 0.2018

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.



15.5207, 0.4243, 0.2504



15.5207, 0.2863, 0.5307



15.5207, 0.2087, 0.1718

Square

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



15.5207, 0.2863, 0.5307



15.5207, 0.1311, 0.2076



15.5207, 0.3045, 0.1990



15.5207, 0.5313, 0.3901

Rectangle

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



15.5207, 0.2863, 0.5307



15.5207, 0.1562, 0.3310



15.5207, 0.3045, 0.1990



15.5207, 0.4921, 0.2936

Sweetspot

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



15.5213, 0.2863, 0.5307



33.1027, 0.2997, 0.3809



17.8162, 0.3756, 0.5257



7.6498, 0.2984, 0.3874



65.5931, 0.3127, 0.3290



8.8982, 0.3127, 0.3290

Same Dimension

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



15.5213, 0.2863, 0.5307



27.3757, 0.2900, 0.5640



16.2588, 0.2460, 0.3914



4.8367, 0.3082, 0.3450



15.4300, 0.2889, 0.5602



0.0000, 0.0000, 0.0000

Inverse Universe

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



5.8096, 0.3865, 0.2018



9.4399, 0.4045, 0.2002



5.1239, 0.5422, 0.2951



4.3929, 0.3175, 0.3135



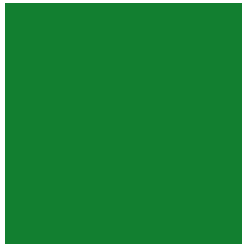
5.3307, 0.4023, 0.1990



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the Yxy color 15.5207, 0.2863, 0.5307 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 15.5207, 0.2863, 0.5307 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 15.5207, 0.2863, 0.5307

Background



This preview shows how black text looks on a background with the Yxy color 15.5207, 0.2863, 0.5307.



This preview shows how white text looks on a background with the Yxy color 15.5207, 0.2863, 0.5307.

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

15.5207, 0.2863, 0.5307

Protanopia

15.2493, 0.4137, 0.4528

Deuteranopia

15.2448, 0.4244, 0.4181



Tritanopia

15.5355, 0.2372, 0.3064

Trichromacy



Original Color

15.5207, 0.2863, 0.5307

Protanomaly

14.5651, 0.3495, 0.4906

Deuteranomaly

14.1116, 0.3569, 0.4651

Tritanomaly

15.2903, 0.2540, 0.3832

Monochromacy



Original Color

15.5207, 0.2863, 0.5307

Achromatopsia

9.0842, 0.3127, 0.3290

Achromatomaly

10.5743, 0.2943, 0.4068

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.5207, 0.2863, 0.5307 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(18, 127, 48)` looks like.

```
.text, #text, p{  
    color:rgb(18, 127, 48)  
}
```

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(18, 127, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 127, 48) }
```

Border

The CSS property to change the border of an element to Yxy 15.5207, 0.2863, 0.5307 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(18, 127, 48) }
```

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

```
.border{ border-color:rgb(18, 127, 48) }
```

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

Here you see how a box with a 4 pixel rgb(18, 127, 48) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 127, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 127, 48);  
box-shadow:4px 4px 4px 4px rgb(18, 127,  
48) }
```


Background

The CSS property to change the background color of an element to Yxy 15.5207, 0.2863, 0.5307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 127, 48) }
```

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

```
.background{ background-color: rgb(18, 127,  
48) }
```

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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