

Converting Colors

$Yxy(26.4498, 0.3005, 0.5902)$

Have a look what the booklet for
Yxy(26.4498, 0.3005, 0.5902)
contains.

Yxy(26.3510, 0.3007, 0.5903)	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(26.3510, 0.3007, 0.5903)

Conversions

Conversions Part 1

Format	Color
Hex	11A310
RGB	17, 163, 16
RGB Percent	7%, 64%, 6%
CMY	0.9328, 0.3608, 0.9375
CMYK	0.89, 0.00, 0.90, 0.36
HSL	120°, 82%, 35%
HSV	120°, 90%, 64%
XYZ	13.4233, 26.3510, 4.8658
YIQ	102.5880, -39.8290, -76.6690

Conversions

Conversions Part 2

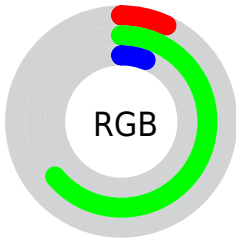
Format	Color
RYB	16, 163, 162
Decimal	1155856
CIELab	58.37, -60.17, 57.25
CIELCh	58, 83.056, 136.427
Yxy	26.3510, 0.3007, 0.5903
Android (android.graphics.Color)	4279345936 (0xFF11A310)
YUV	102.5880, -42.6879, -75.0607
Hunter-Lab	51.3332, -43.1567, 30.3133

Details

The Yxy color **26.3510, 0.3007, 0.5903** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **10.6722, 0.3189, 0.1572**, and the grayscale version is **13.5811, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.7545, 0.3123, 0.5306**, and **11.1519, 0.3000, 0.6000** is the 20% darker color. If you saturate the color by 10%, you get **26.2031, 0.3002, 0.5998**, and if you desaturate by 10%, it is **26.6284, 0.3016, 0.5737**.

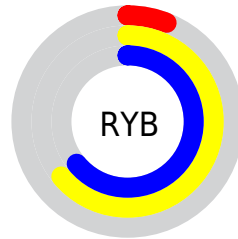
Distribution



Red (7%)

Green (64%)

Blue (6%)



Red (6%)

Yellow (64%)

Blue (64%)

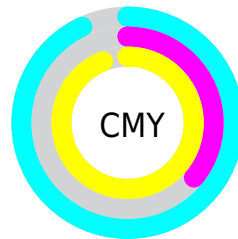


Cyan (89%)

Magenta (0%)

Yellow (90%)

Black (36%)



Cyan (93%)


Magenta (36%)


Yellow (94%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.3510, 0.3007, 0.5903 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 26.3510, 0.3007, 0.5903 by changing the saturation by 10% instead.


 26.3510, 0.3007,
0.5903


 26.3510, 0.3007,
0.5903


284.5009, 0.3192,
0.4383


 17.0864, 0.2889,
0.6329


 53.8407, 0.3120,
0.5307

 10.2961, 0.2690,
0.6893


 72.8345, 0.3147,
0.5094


 5.5957, 0.2343,
0.7657

 95.8402, 0.3165,
0.4920

 2.6009, 0.1514,
0.8486

 123.2422, 0.3176,
0.4776

 0.9271, 0.0000,
1.0000


 155.4249, 0.3183,
0.4654


 0.0000, 0.0000,
0.0000


 192.7727, 0.3188,


0.4550

 235.6698, 0.3190,
0.4461


 26.3510, 0.3007,
0.5903

 26.3510, 0.3007,
0.5903

 26.2031, 0.3002,
0.5998

 26.6284, 0.3016,
0.5737

 27.0770, 0.3029,
0.5492

 27.7198, 0.3043,
0.5185

 28.5754, 0.3059,
0.4843

 29.6604, 0.3075,
0.4491

■ 30.9896, 0.3090,
0.4150

■ 32.5765, 0.3104,
0.3833

■ 34.4337, 0.3116,
0.3548

■ 36.5732, 0.3127,
0.3295

Harmonies

Analogous

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



26.3510, 0.4167, 0.5508



26.3510, 0.3007, 0.5903



26.3510, 0.1930, 0.4850

Triad

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



26.3510, 0.3007, 0.5903



26.3510, 0.1211, 0.1538



26.3510, 0.5372, 0.2904

Complementary

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



26.3510, 0.3007, 0.5903



10.6722, 0.3189, 0.1572

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.



26.3510, 0.4117, 0.2208



26.3510, 0.3007, 0.5903



26.3510, 0.1724, 0.1467

Square

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



26.3510, 0.3007, 0.5903



26.3510, 0.1058, 0.2008



26.3510, 0.2705, 0.1698



26.3510, 0.5723, 0.3678

Rectangle

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



26.3510, 0.3007, 0.5903



26.3510, 0.1424, 0.3660



26.3510, 0.2705, 0.1698



26.3510, 0.5028, 0.2661

Sweetspot

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



26.3521, 0.3007, 0.5903



56.2282, 0.3094, 0.4061



33.1561, 0.4194, 0.4991



12.4358, 0.3090, 0.4167



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



26.3521, 0.3007, 0.5903



46.9234, 0.3001, 0.5999



26.9923, 0.2710, 0.4867



7.8977, 0.3117, 0.3522



20.3657, 0.3002, 0.5998



0.4287, 0.3014, 0.5989

Inverse Universe

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



10.6722, 0.3189, 0.1572



18.4240, 0.3189, 0.1530



8.9262, 0.4645, 0.2408



7.1992, 0.3136, 0.3068



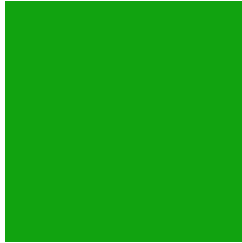
7.9983, 0.3189, 0.1530



0.1689, 0.3197, 0.1535

Previews

White Background



This preview shows how the Yxy color 26.3510, 0.3007, 0.5903 looks on a white background.

Color Contrast Check

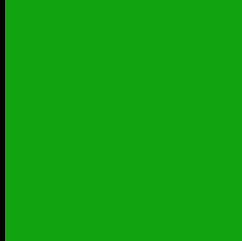
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.3510, 0.3007, 0.5903 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 26.3510, 0.3007, 0.5903

Background



This preview shows how black text looks on a background with the Yxy color 26.3510, 0.3007, 0.5903.



This preview shows how white text looks on a background with the Yxy color 26.3510, 0.3007, 0.5903.

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

26.3510, 0.3007, 0.5903

Protanopia

25.9243, 0.4394, 0.4893

Deuteranopia

25.7564, 0.4574, 0.4483



Tritanopia

26.4389, 0.2377, 0.3073

Trichromacy



Original Color

26.3510, 0.3007, 0.5903



Protanomaly

24.2571, 0.3697, 0.5414



Deuteranomaly

23.5902, 0.3812, 0.5131



Tritanomaly

25.6065, 0.2655, 0.4231

Monochromacy



Original Color

26.3510, 0.3007, 0.5903



Achromatopsia

13.5633, 0.3127, 0.3290



Achromatomaly

16.4999, 0.3078, 0.4558

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.3510, 0.3007, 0.5903 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(17, 163, 16)` looks like.

```
.text, #text, p{  
    color:rgb(17, 163, 16)  
}
```

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(17, 163, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 163, 16) }
```

Border

The CSS property to change the border of an element to Yxy 26.3510, 0.3007, 0.5903 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(17, 163, 16) }
```

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

```
.border{ border-color:rgb(17, 163, 16) }
```

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

Here you see how a box with a 4 pixel rgb(17, 163, 16) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 163, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 163, 16);  
box-shadow:4px 4px 4px 4px rgb(17, 163,  
16) }
```


Background

The CSS property to change the background color of an element to Yxy 26.3510, 0.3007, 0.5903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 163, 16) }
```

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

```
.background{ background-color: rgb(17, 163,  
16) }
```

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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