

Converting Colors

$Yxy(19.4116, 0.2999, 0.5896)$

Have a look what the booklet for
Yxy(19.4116, 0.2999, 0.5896)
contains.

Yxy(19.4489, 0.2998, 0.5896)	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(19.4489, 0.2998, 0.5896)

Conversions

Conversions Part 1

Format	Color
Hex	0B8E0E
RGB	11, 142, 14
RGB Percent	4%, 56%, 5%
CMY	0.9572, 0.4431, 0.9451
CMYK	0.92, 0.00, 0.90, 0.44
HSL	121°, 86%, 30%
HSV	121°, 92%, 56%
XYZ	9.8894, 19.4489, 3.6483
YIQ	88.2390, -36.9880, -67.5800

Conversions

Conversions Part 2

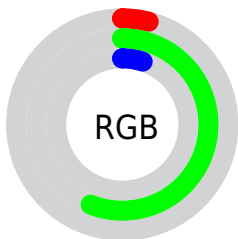
Format	Color
R_{YB}	11, 139, 142
Decimal	757262
CIE _{Lab}	51.21, -54.52, 51.40
CIE _{LCh}	51, 74.930, 136.689
Yxy	19.4489, 0.2998, 0.5896
Android (android.graphics.Color)	4278947342 (0xFF0B8E0E)
YUV	88.2390, -36.5998, -67.7386
Hunter-Lab	44.1009, -37.1490, 25.9658

Details

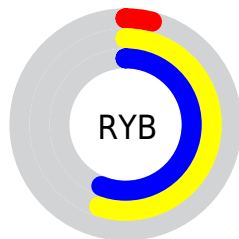
The Yxy color **19.4489, 0.2998, 0.5896** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **7.8496, 0.3261, 0.1607**, and the grayscale version is **9.8961, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.5374, 0.3122, 0.5251**, and **7.3123, 0.3000, 0.6000** is the 20% darker color. If you saturate the color by 10%, you get **19.3548, 0.2994, 0.5980**, and if you desaturate by 10%, it is **19.6387, 0.3002, 0.5732**.

Distribution



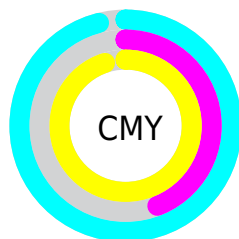
- Red (4%)
- Green (56%)
- Blue (5%)



- Red (4%)
- Yellow (55%)
- Blue (56%)



- Cyan (92%)
- Magenta (0%)
- Yellow (90%)
- Black (44%)





- Cyan (96%)
- Magenta (44%)
- Yellow (95%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.4489, 0.2998, 0.5896 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 19.4489, 0.2998, 0.5896 by changing the saturation by 10% instead.


 19.4489, 0.2998,
0.5896


 19.4489, 0.2998,
0.5896


248.9159, 0.3188,
0.4313


 11.9951, 0.2863,
0.6375


 42.4913, 0.3119,
0.5251


 6.7403, 0.2668,
0.7154


 58.8486, 0.3146,
0.5029


 3.3002, 0.2146,
0.7854

 78.9426, 0.3163,
0.4850

 1.2904, 0.0000,
1.0000

 103.1576, 0.3174,
0.4703


 0.1338, 0.0000,
1.0000


 131.8781, 0.3180,
0.4581


 0.0000, 0.0000,
0.0000


 165.4883, 0.3184,

0.4478


 204.3728, 0.3186,
0.4390


 19.4489, 0.2998,
0.5896


 19.4489, 0.2998,
0.5896


 19.3548, 0.2994,
0.5980

 19.6387, 0.3002,
0.5732

 19.9501, 0.3010,
0.5492

 20.3998, 0.3023,
0.5194

 21.0014, 0.3039,
0.4862

 21.7669, 0.3056,
0.4519

■ 22.7069, 0.3074,
0.4186

■ 23.8313, 0.3092,
0.3875

■ 25.1493, 0.3109,
0.3593

■ 26.6694, 0.3124,
0.3343

Harmonies

Analogous

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



19.4489, 0.4157, 0.5513



19.4489, 0.2998, 0.5896



19.4489, 0.1924, 0.4832

Triad

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



19.4489, 0.2998, 0.5896



19.4489, 0.1216, 0.1539



19.4489, 0.5376, 0.2912

Complementary

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



19.4489, 0.2998, 0.5896



7.8496, 0.3261, 0.1607

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.



19.4489, 0.4128, 0.2215



19.4489, 0.2998, 0.5896



19.4489, 0.1732, 0.1470

Square

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



19.4489, 0.2998, 0.5896



19.4489, 0.1060, 0.2003



19.4489, 0.2716, 0.1704



19.4489, 0.5718, 0.3686

Rectangle

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



19.4489, 0.2998, 0.5896



19.4489, 0.1421, 0.3644



19.4489, 0.2716, 0.1704



19.4489, 0.5035, 0.2668

Sweetspot

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



19.4497, 0.2998, 0.5896



40.7408, 0.3081, 0.4067



24.9312, 0.4146, 0.5037



8.9392, 0.3074, 0.4189



71.0566, 0.3127, 0.3290



10.6539, 0.3127, 0.3290

Same Dimension

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



19.4497, 0.2998, 0.5896



34.1246, 0.2996, 0.5985



19.9773, 0.2683, 0.4782



6.0313, 0.3113, 0.3511



17.3768, 0.2994, 0.5978



0.1665, 0.2965, 0.5874

Inverse Universe

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



7.8496, 0.3261, 0.1607



13.4059, 0.3269, 0.1575



6.4865, 0.4792, 0.2483



5.5089, 0.3141, 0.3078



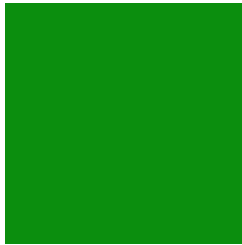
6.8279, 0.3268, 0.1574



0.0657, 0.3236, 0.1556

Previews

White Background



This preview shows how the Yxy color 19.4489, 0.2998, 0.5896 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 19.4489, 0.2998, 0.5896 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 19.4489, 0.2998, 0.5896

Background



This preview shows how black text looks on a background with the Yxy color 19.4489, 0.2998, 0.5896.



This preview shows how white text looks on a background with the Yxy color 19.4489, 0.2998, 0.5896.

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

19.4489, 0.2998, 0.5896

Protanopia

19.2374, 0.4394, 0.4893

Deuteranopia

19.0467, 0.4554, 0.4482



Tritanopia

19.4464, 0.2375, 0.3064

Trichromacy



Original Color

19.4489, 0.2998, 0.5896



Protanomaly

17.9356, 0.3684, 0.5420



Deuteranomaly

17.5085, 0.3782, 0.5139



Tritanomaly

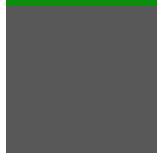
18.9451, 0.2643, 0.4218

Monochromacy



Original Color

19.4489, 0.2998, 0.5896



Achromatopsia

9.7587, 0.3127, 0.3290



Achromatomaly

12.0227, 0.3056, 0.4554

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.4489, 0.2998, 0.5896 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(11, 142, 14)` looks like.

```
.text, #text, p{  
    color:rgb(11, 142, 14)  
}
```

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(11, 142, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 142, 14) }
```

Border

The CSS property to change the border of an element to Yxy 19.4489, 0.2998, 0.5896 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(11, 142, 14) }
```

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

```
.border{ border-color:rgb(11, 142, 14) }
```

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

Here you see how a box with a 4 pixel rgb(11, 142, 14) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 142, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(11, 142, 14);  
box-shadow:4px 4px 4px 4px rgb(11, 142,  
14) }
```


Background

The CSS property to change the background color of an element to Yxy 19.4489, 0.2998, 0.5896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(11, 142, 14) }
```

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

```
.background{ background-color: rgb(11, 142,  
14) }
```

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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