

Converting Colors

$Yxy(19.2136, 0.2608, 0.4489)$

Have a look what the booklet for
Yxy(19.2136, 0.2608, 0.4489)
contains.

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Color

$\text{Yxy}(19.2632, 0.2611, 0.4501)$

Conversions

Conversions Part 1

Format	Color
Hex	0E8B58
RGB	14, 139, 88
RGB Percent	5%, 55%, 35%
CMY	0.9452, 0.4549, 0.6549
CMYK	0.90, 0.00, 0.37, 0.45
HSL	156°, 82%, 30%
HSV	156°, 90%, 55%
XYZ	11.1745, 19.2632, 12.3599
YIQ	95.8110, -58.1290, -42.3610

Conversions

Conversions Part 2

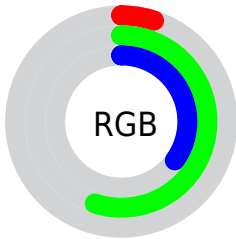
Format	Color
R_{YB}	14, 93, 139
Decimal	953176
CIE _{Lab}	50.99, -43.82, 18.67
CIE _{LCh}	51, 47.633, 156.927
Yxy	19.2632, 0.2611, 0.4501
Android (android.graphics.Color)	4279143256 (0xFF0E8B58)
YUV	95.8110, -3.8508, -71.7482
Hunter-Lab	43.8899, -31.3608, 14.0261

Details

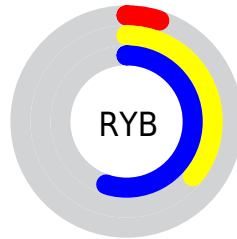
The Yxy color **19.2632, 0.2611, 0.4501** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **6.1839, 0.5001, 0.2630**, and the grayscale version is **11.6669, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.3970, 0.2747, 0.4203**, and **7.1466, 0.2710, 0.4957** is the 20% darker color. If you saturate the color by 10%, you get **19.0809, 0.2626, 0.4652**, and if you desaturate by 10%, it is **19.5135, 0.2610, 0.4347**.

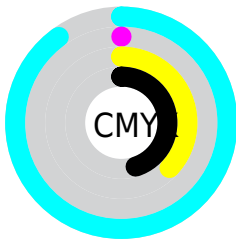
Distribution



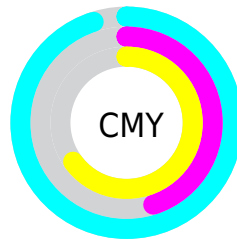
- Red (5%)
- Green (55%)
- Blue (35%)



- Red (5%)
- Yellow (36%)
- Blue (55%)



- Cyan (90%)
- Magenta (0%)
- Yellow (37%)
- Black (45%)




- Cyan (95%)
- Magenta (45%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.2632, 0.2611, 0.4501 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 19.2632, 0.2611, 0.4501 by changing the saturation by 10% instead.


 19.2632, 0.2611,
0.4501


 19.2632, 0.2611,
0.4501


247.8979, 0.2927,
0.3765


 11.8606, 0.2503,
0.4749


 42.1784, 0.2744,
0.4192


 6.6488, 0.2341,
0.5118


 58.4598, 0.2788,
0.4090


 3.2435, 0.2074,
0.5722

 78.4695, 0.2823,
0.4008

 1.2601, 0.0636,
0.9217

 102.5921, 0.2852,
0.3941

 0.1100, 0.0000,
1.0000

 131.2118, 0.2876,
0.3886

 0.0000, 0.0000,
0.0000

 164.7131, 0.2895,

0.3839

203.4803, 0.2912,
0.3799

■ 19.2632, 0.2611,
0.4501

■ 19.2632, 0.2611,
0.4501

■ 19.0809, 0.2626,
0.4652

■ 19.5135, 0.2610,
0.4347

■ 19.0801, 0.2626,
0.4653

■ 19.8610, 0.2627,
0.4192

■ 20.3176, 0.2663,
0.4040

■ 20.8931, 0.2716,
0.3892

■ 21.5958, 0.2782,
0.3752

■ 22.4337, 0.2859,
0.3620

■ 23.4137, 0.2944,
0.3499

■ 24.5426, 0.3034,
0.3389

■ 25.8264, 0.3128,
0.3290

Harmonies

Analogous

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



19.2632, 0.3435, 0.4943



19.2632, 0.2611, 0.4501



19.2632, 0.1974, 0.3552

Triad

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



19.2632, 0.2611, 0.4501



19.2632, 0.1994, 0.1978



19.2632, 0.4850, 0.3519

Complementary

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



19.2632, 0.2611, 0.4501



6.1839, 0.5001, 0.2630

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.



19.2632, 0.4364, 0.2913



19.2632, 0.2611, 0.4501



19.2632, 0.2617, 0.2074

Square

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



19.2632, 0.2611, 0.4501



19.2632, 0.1678, 0.2157



19.2632, 0.3492, 0.2405



19.2632, 0.4765, 0.4154

Rectangle

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



19.2632, 0.2611, 0.4501



19.2632, 0.1730, 0.2933



19.2632, 0.3492, 0.2405



19.2632, 0.4750, 0.3311

Sweetspot

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



19.2640, 0.2611, 0.4501



40.5641, 0.2879, 0.3591



19.6585, 0.3321, 0.5646



9.2340, 0.2854, 0.3628



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.



19.2640, 0.2611, 0.4501



34.1336, 0.2635, 0.4684



17.5485, 0.2204, 0.3061



5.6546, 0.3042, 0.3381



17.2231, 0.2624, 0.4647



0.1173, 0.2439, 0.3980

Inverse Universe

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



6.1839, 0.5001, 0.2630



10.3224, 0.5342, 0.2717



6.1902, 0.6052, 0.3387



5.0802, 0.3221, 0.3201



5.2213, 0.5280, 0.2682



0.0375, 0.4282, 0.2132

Previews

White Background



This preview shows how the Yxy color 19.2632, 0.2611, 0.4501 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 19.2632, 0.2611, 0.4501 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 19.2632, 0.2611, 0.4501

Background



This preview shows how black text looks on a background with the Yxy color 19.2632, 0.2611, 0.4501.



This preview shows how white text looks on a background with the Yxy color 19.2632, 0.2611, 0.4501.

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

19.2632, 0.2611, 0.4501

Protanopia

19.0792, 0.3749, 0.4054

Deuteranopia

19.0319, 0.3769, 0.3702



Tritanopia

19.1895, 0.2325, 0.3061

Trichromacy



Original Color

19.2632, 0.2611, 0.4501



Protanomaly

18.1376, 0.3136, 0.4275



Deuteranomaly

17.6035, 0.3141, 0.4002



Tritanomaly

19.1701, 0.2416, 0.3553

Monochromacy



Original Color

19.2632, 0.2611, 0.4501



Achromatopsia

11.6971, 0.3127, 0.3290



Achromatomaly

13.5369, 0.2783, 0.3761

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.2632, 0.2611, 0.4501 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(14, 139, 88)` looks like.

```
.text, #text, p{  
    color:rgb(14, 139, 88)  
}
```

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(14, 139, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 139, 88) }
```

Border

The CSS property to change the border of an element to Yxy 19.2632, 0.2611, 0.4501 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(14, 139, 88) }
```

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

```
.border{ border-color:rgb(14, 139, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(14, 139, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 139, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 139, 88);  
box-shadow:4px 4px 4px 4px rgb(14, 139,  
88) }
```


Background

The CSS property to change the background color of an element to Yxy 19.2632, 0.2611, 0.4501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 139, 88) }
```

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

```
.background{ background-color: rgb(14, 139,  
88) }
```

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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