

Converting Colors

$Y_{xy}(19.9194, 0.2905, 0.3730)$

Have a look what the booklet for
Yxy(19.9194, 0.2905, 0.3730)
contains.

Yxy(19.9255, 0.2902, 0.3723)	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(19.9255, 0.2902, 0.3723)

Conversions

Conversions Part 1

Format	Color
Hex	5C846F
RGB	92, 132, 111
RGB Percent	36%, 52%, 44%
CMY	0.6393, 0.4823, 0.5647
CMYK	0.30, 0.00, 0.16, 0.48
HSL	148°, 18%, 44%
HSV	148°, 30%, 52%
XYZ	15.5315, 19.9255, 18.0630
YIQ	117.6460, -17.0990, -15.0110

Conversions

Conversions Part 2

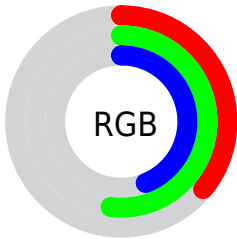
Format	Color
R_{YB}	92, 119, 132
Decimal	6063215
CIE _{Lab}	51.75, -18.68, 6.92
CIE _{LCh}	52, 19.923, 159.671
Yxy	19.9255, 0.2902, 0.3723
Android (android.graphics.Color)	4284253295 (0xFF5C846F)
YUV	117.6460, -3.2765, -22.4915
Hunter-Lab	44.6380, -16.0085, 7.2546

Details

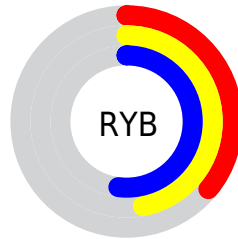
The Yxy color **19.9255, 0.2902, 0.3723** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **13.7479, 0.3437, 0.2895**, and the grayscale version is **18.0132, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.1819, 0.2951, 0.3611**, and **6.9289, 0.2805, 0.3923** is the 20% darker color. If you saturate the color by 10%, you get **19.1581, 0.2838, 0.3895**, and if you desaturate by 10%, it is **20.8248, 0.2973, 0.3565**.

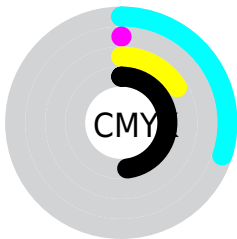
Distribution



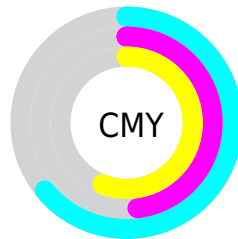
- Red (36%)
- Green (52%)
- Blue (44%)



- Red (36%)
- Yellow (47%)
- Blue (52%)



- Cyan (30%)
- Magenta (0%)
- Yellow (16%)
- Black (48%)




- Cyan (64%)
- Magenta (48%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.9255, 0.2902, 0.3723 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 19.9255, 0.2902, 0.3723 by changing the saturation by 10% instead.


 19.9255, 0.2902,
0.3723


 19.9255, 0.2902,
0.3723


251.5115, 0.3033,
0.3470


 12.3409, 0.2861,
0.3803


 43.2922, 0.2955,
0.3620


 6.9763, 0.2801,
0.3920


 59.8432, 0.2974,
0.3585

 3.4473, 0.2706,
0.4104

 80.1517, 0.2988,
0.3556

 1.3695, 0.2532,
0.4442

 104.6021, 0.3001,
0.3533

 0.1941, 0.0000,
1.0000

133.5790, 0.3011,
0.3513

 0.0000, 0.0000,
0.0000

167.4665, 0.3019,

0.3497

206.6493, 0.3027,
0.3482

■ 19.9255, 0.2902,
0.3723

■ 19.9255, 0.2902,
0.3723

■ 19.1581, 0.2838,
0.3895

■ 20.8248, 0.2973,
0.3565

■ 18.5138, 0.2783,
0.4078

■ 21.8596, 0.3048,
0.3422

■ 17.9864, 0.2741,
0.4271

■ 23.0363, 0.3125,
0.3294

■ 17.5683, 0.2714,
0.4470

■ 24.3601, 0.3202,
0.3180

■ 17.2506, 0.2705,
0.4669

■ 25.8360, 0.3278,
0.3078

■ 17.0235, 0.2714,
0.4863

■ 27.4687, 0.3352,
0.2989

■ 16.8605, 0.2734,
0.5043

■ 29.2629, 0.3423,
0.2911

■ 31.2228, 0.3491,
0.2842

■ 33.3528, 0.3556,
0.2782

Harmonies

Analogous

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



19.9255, 0.3267, 0.3929



19.9255, 0.2902, 0.3723



19.9255, 0.2609, 0.3382

Triad

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



19.9255, 0.2902, 0.3723



19.9255, 0.2645, 0.2689



19.9255, 0.3850, 0.3474

Complementary

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



19.9255, 0.2902, 0.3723



13.7479, 0.3437, 0.2895

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.



19.9255, 0.3664, 0.3171



19.9255, 0.2902, 0.3723



19.9255, 0.2954, 0.2735

Square

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



19.9255, 0.2902, 0.3723



19.9255, 0.2468, 0.2790



19.9255, 0.3329, 0.2908



19.9255, 0.3826, 0.3752

Rectangle

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



19.9255, 0.2902, 0.3723



19.9255, 0.2488, 0.3145



19.9255, 0.3329, 0.2908



19.9255, 0.3810, 0.3372

Sweetspot

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



19.9263, 0.2902, 0.3723



38.7211, 0.3056, 0.3407



20.8095, 0.3335, 0.4074



8.9570, 0.3047, 0.3424



67.3860, 0.3127, 0.3290



9.4630, 0.3127, 0.3290

Same Dimension

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



19.9263, 0.2902, 0.3723



34.1935, 0.2859, 0.3833



20.4087, 0.2719, 0.3315



5.2389, 0.3057, 0.3406



16.3239, 0.2733, 0.5040



0.0580, 0.2514, 0.4250

Inverse Universe

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



13.7479, 0.3437, 0.2895



21.5940, 0.3527, 0.2808



13.3516, 0.3750, 0.3266



4.7265, 0.3204, 0.3177



5.1705, 0.4796, 0.2415



0.0194, 0.3975, 0.1963

Previews

White Background



This preview shows how the Yxy color 19.9255, 0.2902, 0.3723 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 19.9255, 0.2902, 0.3723 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

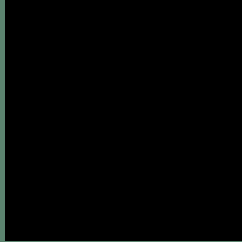
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

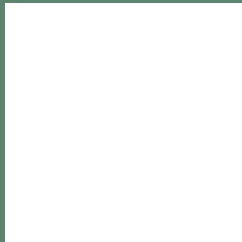
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 19.9255, 0.2902, 0.3723

Background



This preview shows how black text looks on a background with the Yxy color 19.9255, 0.2902, 0.3723.



This preview shows how white text looks on a background with the Yxy color 19.9255, 0.2902, 0.3723.

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

19.9255, 0.2902, 0.3723

Protanopia

19.8737, 0.3401, 0.3607

Deuteranopia

19.8118, 0.3432, 0.3380



Tritanopia

19.8700, 0.2702, 0.3096

Trichromacy



Original Color

19.9255, 0.2902, 0.3723

Protanomaly

19.7174, 0.3207, 0.3640

Deuteranomaly

19.6725, 0.3215, 0.3500

Tritanomaly

19.7458, 0.2777, 0.3309

Monochromacy



Original Color

19.9255, 0.2902, 0.3723

Achromatopsia

18.1164, 0.3127, 0.3290

Achromatomaly

18.6549, 0.3048, 0.3449

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.9255, 0.2902, 0.3723 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(92, 132, 111)` looks like.

```
.text, #text, p{  
  color:rgb(92, 132, 111)  
}
```

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(92, 132, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 132, 111) }
```

Border

The CSS property to change the border of an element to Yxy 19.9255, 0.2902, 0.3723 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(92, 132, 111) }
```

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

```
.border{ border-color:rgb(92, 132, 111) }
```

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

Here you see how a box with a 4 pixel rgb(92, 132, 111) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 132, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 132, 111);  
box-shadow:4px 4px 4px 4px rgb(92, 132,  
111) }
```


Background

The CSS property to change the background color of an element to Yxy 19.9255, 0.2902, 0.3723 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 132, 111) }
```

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

```
.background{ background-color: rgb(92, 132,  
111) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor