

Converting Colors

$Yxy(19.0404, 0.3048, 0.3895)$

Have a look what the booklet for
Yxy(19.0404, 0.3048, 0.3895)
contains.

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Color

Yxy(19.0535, 0.3042, 0.3899)

Conversions

Conversions Part 1

Format	Color
Hex	5F8164
RGB	95, 129, 100
RGB Percent	37%, 51%, 39%
CMY	0.6276, 0.4941, 0.6079
CMYK	0.26, 0.00, 0.22, 0.49
HSL	129°, 15%, 44%
HSV	129°, 26%, 51%
XYZ	14.8655, 19.0535, 14.9486
YIQ	115.5280, -10.9550, -16.2270

Conversions

Conversions Part 2

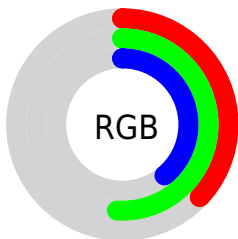
Format	Color
R_{YB}	95, 125, 129
Decimal	6259044
CIE _{Lab}	50.75, -18.32, 11.91
CIE _{LCh}	51, 21.854, 146.975
Yxy	19.0535, 0.3042, 0.3899
Android (android.graphics.Color)	4284449124 (0xFF5F8164)
YUV	115.5280, -7.6553, -18.0031
Hunter-Lab	43.6503, -15.5981, 10.2506

Details


The Yxy color **19.0535, 0.3042, 0.3899** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **14.2981, 0.3226, 0.2749**, and the grayscale version is **17.3368, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.8013, 0.3064, 0.3748**, and **6.5987, 0.2987, 0.4209** is the 20% darker color. If you saturate the color by 10%, you get **18.2214, 0.3011, 0.4176**, and if you desaturate by 10%, it is **20.0303, 0.3074, 0.3647**.

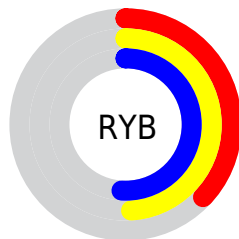
Distribution



 Red (37%)

 Green (51%)

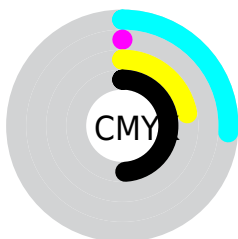
 Blue (39%)




 Red (37%)

 Yellow (49%)

 Blue (51%)

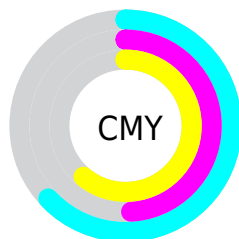



 Cyan (26%)


 Magenta (0%)

 Yellow (22%)

 Black (49%)



 Cyan (63%)

 Magenta (49%)

 Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 19.0535, 0.3042, 0.3899 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 19.0535, 0.3042, 0.3899 by changing the saturation by 10% instead.

■ 19.0535, 0.3042,
0.3899

■ 19.0535, 0.3042,
0.3899

246.7440, 0.3097,
0.3538

■ 11.7089, 0.3022,
0.4016

■ 41.8245, 0.3066,
0.3750

■ 6.5458, 0.2990,
0.4188

■ 58.0197, 0.3074,
0.3700

■ 3.1797, 0.2934,
0.4464

■ 77.9339, 0.3079,
0.3660

■ 1.2263, 0.2881,
0.5167

■ 101.9515, 0.3084,
0.3627

■ 0.0830, 0.0000,
1.0000

130.4570, 0.3088,
0.3599

■ 0.0000, 0.0000,
0.0000

163.8346, 0.3091,

0.3576

202.4688, 0.3094,
0.3556

■ 19.0535, 0.3042,
0.3899

■ 19.0535, 0.3042,
0.3899

■ 18.2214, 0.3011,
0.4176

■ 20.0303, 0.3074,
0.3647

■ 17.5249, 0.2983,
0.4471

■ 21.1558, 0.3107,
0.3421

■ 16.9575, 0.2961,
0.4777

■ 22.4366, 0.3138,
0.3221

■ 16.5110, 0.2945,
0.5078

■ 23.8785, 0.3169,
0.3046

■ 16.1766, 0.2939,
0.5358

■ 25.4867, 0.3197,
0.2894

■ 15.9441, 0.2943,
0.5599

■ 27.2664, 0.3223,
0.2762

■ 15.7962, 0.2954,
0.5786

■ 29.2223, 0.3248,
0.2647

■ 15.7515, 0.2956,
0.5842

■ 31.3593, 0.3270,
0.2548

■ 33.6818, 0.3291,
0.2462

Harmonies

Analogous

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



19.0535, 0.3450, 0.4032



19.0535, 0.3042, 0.3899



19.0535, 0.2673, 0.3563

Triad

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



19.0535, 0.3042, 0.3899



19.0535, 0.2489, 0.2651



19.0535, 0.3872, 0.3347

Complementary

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



19.0535, 0.3042, 0.3899



14.2981, 0.3226, 0.2749

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.



19.0535, 0.3581, 0.3025



19.0535, 0.3042, 0.3899



19.0535, 0.2774, 0.2637

Square

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



19.0535, 0.3042, 0.3899



19.0535, 0.2370, 0.2830



19.0535, 0.3171, 0.2772



19.0535, 0.3946, 0.3676

Rectangle

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



19.0535, 0.3042, 0.3899



19.0535, 0.2495, 0.3291



19.0535, 0.3171, 0.2772



19.0535, 0.3795, 0.3236

Sweetspot

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



19.0543, 0.3042, 0.3899



37.4970, 0.3101, 0.3459



20.8498, 0.3451, 0.3932



8.4252, 0.3097, 0.3488



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.



19.0543, 0.3042, 0.3899



33.1389, 0.3022, 0.4072



19.4075, 0.2876, 0.3544



4.8283, 0.3098, 0.3479



15.3548, 0.2956, 0.5841



0.0000, 0.0000, 0.0000

Inverse Universe

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



14.2981, 0.3226, 0.2749



23.0424, 0.3255, 0.2617



13.9144, 0.3468, 0.3050



4.4018, 0.3158, 0.3108



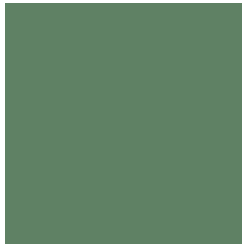
5.6466, 0.3608, 0.1761



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the Yxy color 19.0535, 0.3042, 0.3899 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 19.0535, 0.3042, 0.3899 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

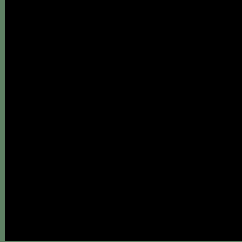
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.0535, 0.3042, 0.3899

Background



This preview shows how black text looks on a background with the Yxy color 19.0535, 0.3042, 0.3899.



This preview shows how white text looks on a background with the Yxy color 19.0535, 0.3042, 0.3899.

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

19.0535, 0.3042, 0.3899

Protanopia

18.8667, 0.3520, 0.3746

Deuteranopia

18.8733, 0.3583, 0.3527



Tritanopia

18.9032, 0.2763, 0.3094

Trichromacy



Original Color

19.0535, 0.3042, 0.3899

Protanomaly

18.7420, 0.3339, 0.3806

Deuteranomaly

18.7716, 0.3364, 0.3658

Tritanomaly

18.9795, 0.2862, 0.3370

Monochromacy



Original Color

19.0535, 0.3042, 0.3899

Achromatopsia

17.4647, 0.3127, 0.3290

Achromatomaly

17.9887, 0.3092, 0.3512

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.0535, 0.3042, 0.3899 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(95, 129, 100)` looks like.

```
.text, #text, p{  
    color:rgb(95, 129, 100)  
}
```

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(95, 129, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 129, 100) }
```

Border

The CSS property to change the border of an element to Yxy 19.0535, 0.3042, 0.3899 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(95, 129, 100) }
```

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

```
.border{ border-color:rgb(95, 129, 100) }
```

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

Here you see how a box with a 4 pixel rgb(95, 129, 100) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 129, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 129, 100);  
box-shadow:4px 4px 4px 4px rgb(95, 129,  
100) }
```


Background

The CSS property to change the background color of an element to Yxy 19.0535, 0.3042, 0.3899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 129, 100) }
```

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

```
.background{ background-color: rgb(95, 129,  
100) }
```

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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