

Converting Colors

$Y_{xy}(19.0574, 0.2978, 0.3812)$

Have a look what the booklet for
Yxy(19.0574, 0.2978, 0.3812)
contains.

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Color

Yxy(19.0271, 0.2980, 0.3815)

Conversions

Conversions Part 1

Format	Color
Hex	5D8168
RGB	93, 129, 104
RGB Percent	36%, 51%, 41%
CMY	0.6353, 0.4941, 0.5922
CMYK	0.28, 0.00, 0.19, 0.49
HSL	138°, 16%, 44%
HSV	138°, 28%, 51%
XYZ	14.8626, 19.0271, 15.9848
YIQ	115.3860, -13.4310, -15.4070

Conversions

Conversions Part 2

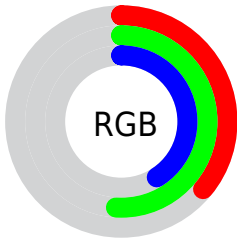
Format	Color
R_{YB}	93, 121, 129
Decimal	6127976
CIE _{Lab}	50.72, -18.21, 9.53
CIE _{LCh}	51, 20.549, 152.382
Yxy	19.0271, 0.2980, 0.3815
Android (android.graphics.Color)	4284318056 (0xFF5D8168)
YUV	115.3860, -5.6133, -19.6325
Hunter-Lab	43.6201, -15.5151, 8.8070

Details

The Yxy color $19.0271, 0.2980, 0.3815$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $13.8035, 0.3315, 0.2818$, and the grayscale version is $17.2882, 0.3127, 0.3290$.

A 20% lighter version of the original color is $41.7517, 0.3017, 0.3689$, and $6.5906, 0.2899, 0.4074$ is the 20% darker color. If you saturate the color by 10%, you get $18.2381, 0.2932, 0.4041$, and if you desaturate by 10%, it is $19.9506, 0.3031, 0.3608$.

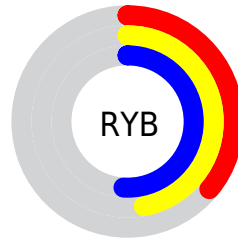
Distribution



Red (36%)

Green (51%)

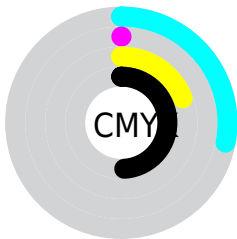
Blue (41%)



Red (36%)

Yellow (47%)

Blue (51%)

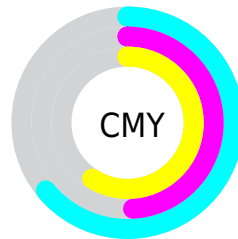


Cyan (28%)

Magenta (0%)

Yellow (19%)

Black (49%)



Cyan (64%)


Magenta (49%)


Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.0271, 0.2980, 0.3815 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 19.0271, 0.2980, 0.3815 by changing the saturation by 10% instead.


 19.0271, 0.2980,
0.3815


 19.0271, 0.2980,
0.3815


246.5983, 0.3069,
0.3505


 11.6899, 0.2950,
0.3915


 41.7799, 0.3017,
0.3687


 6.5329, 0.2906,
0.4062


 57.9642, 0.3030,
0.3644

 3.1717, 0.2832,
0.4299

 77.8664, 0.3039,
0.3610

 1.2220, 0.2700,
0.4827

 101.8708, 0.3047,
0.3581

 0.0796, 0.0000,
1.0000

130.3617, 0.3054,
0.3557

 0.0000, 0.0000,
0.0000

163.7237, 0.3060,

0.3537

202.3411, 0.3065,
0.3520

■ 19.0271, 0.2980,
0.3815

■ 19.0271, 0.2980,
0.3815

■ 18.2381, 0.2932,
0.4041

■ 19.9506, 0.3031,
0.3608

■ 17.5749, 0.2891,
0.4284

■ 21.0122, 0.3085,
0.3423

■ 17.0315, 0.2860,
0.4538

■ 22.2180, 0.3138,
0.3257

■ 16.6004, 0.2840,
0.4796

■ 23.5733, 0.3191,
0.3111

■ 16.2733, 0.2835,
0.5048

■ 25.0832, 0.3242,
0.2983

■ 16.0405, 0.2845,
0.5283

■ 26.7522, 0.3290,
0.2870

■ 15.8810, 0.2866,
0.5491

■ 28.5849, 0.3336,
0.2772

■ 15.8508, 0.2870,
0.5531

■ 30.5856, 0.3380,
0.2687

■ 32.7586, 0.3420,
0.2612

Harmonies

Analogous

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



19.0271, 0.3366, 0.3981



19.0271, 0.2980, 0.3815



19.0271, 0.2648, 0.3479

Triad

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



19.0271, 0.2980, 0.3815



19.0271, 0.2563, 0.2673



19.0271, 0.3856, 0.3403

Complementary

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



19.0271, 0.2980, 0.3815



13.8035, 0.3315, 0.2818

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.



19.0271, 0.3615, 0.3092



19.0271, 0.2980, 0.3815



19.0271, 0.2857, 0.2686

Square

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



19.0271, 0.2980, 0.3815



19.0271, 0.2419, 0.2816



19.0271, 0.3242, 0.2837



19.0271, 0.3886, 0.3707

Rectangle

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



19.0271, 0.2980, 0.3815



19.0271, 0.2497, 0.3225



19.0271, 0.3242, 0.2837



19.0271, 0.3797, 0.3297

Sweetspot

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



19.0279, 0.2980, 0.3815



37.5700, 0.3083, 0.3427



20.3575, 0.3393, 0.3987



8.4441, 0.3076, 0.3451



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.



19.0279, 0.2980, 0.3815



33.2155, 0.2952, 0.3945



19.4287, 0.2805, 0.3435



4.8387, 0.3078, 0.3443



15.4544, 0.2869, 0.5529



0.0000, 0.0000, 0.0000

Inverse Universe

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



13.8035, 0.3315, 0.2818



22.3600, 0.3365, 0.2716



13.4194, 0.3587, 0.3151



4.3907, 0.3179, 0.3141



5.2642, 0.4131, 0.2050



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the Yxy color 19.0271, 0.2980, 0.3815 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 19.0271, 0.2980, 0.3815 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

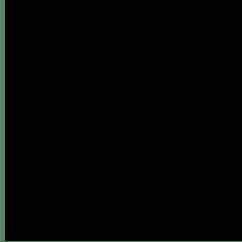
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.0271, 0.2980, 0.3815

Background



This preview shows how black text looks on a background with the Yxy color 19.0271, 0.2980, 0.3815.



This preview shows how white text looks on a background with the Yxy color 19.0271, 0.2980, 0.3815.

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

19.0271, 0.2980, 0.3815

Protanopia

18.8651, 0.3457, 0.3671

Deuteranopia

18.8707, 0.3518, 0.3455



Tritanopia

19.0691, 0.2734, 0.3094

Trichromacy



Original Color

19.0271, 0.2980, 0.3815

Protanomaly

18.7503, 0.3280, 0.3727

Deuteranomaly

18.7803, 0.3303, 0.3580

Tritanomaly

18.9183, 0.2821, 0.3329

Monochromacy



Original Color

19.0271, 0.2980, 0.3815

Achromatopsia

17.1441, 0.3127, 0.3290

Achromatomaly

17.7064, 0.3069, 0.3473

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.0271, 0.2980, 0.3815 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(93, 129, 104)` looks like.

```
.text, #text, p{  
    color:rgb(93, 129, 104)  
}
```

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(93, 129, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 129, 104) }
```

Border

The CSS property to change the border of an element to Yxy 19.0271, 0.2980, 0.3815 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(93, 129, 104) }
```

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

```
.border{ border-color:rgb(93, 129, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 129, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 129, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 129, 104);  
box-shadow:4px 4px 4px 4px rgb(93, 129,  
104) }
```


Background

The CSS property to change the background color of an element to Yxy 19.0271, 0.2980, 0.3815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 129, 104) }
```

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

```
.background{ background-color: rgb(93, 129,  
104) }
```

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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