

Converting Colors

$Y_{xy}(19.3757, 0.2512, 0.3064)$

Have a look what the booklet for
Yxy(19.3757, 0.2512, 0.3064)
contains.

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Color

$Y_{xy}(19.2859, 0.2511, 0.3049)$

Conversions

Conversions Part 1

Format	Color
Hex	4F818D
RGB	79, 129, 141
RGB Percent	31%, 51%, 55%
CMY	0.6902, 0.4941, 0.4471
CMYK	0.44, 0.09, 0.00, 0.45
HSL	192°, 28%, 43%
HSV	192°, 44%, 55%
XYZ	15.8829, 19.2859, 28.0844
YIQ	115.4180, -33.6520, -6.8680

Conversions

Conversions Part 2

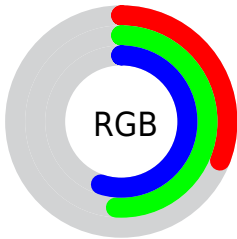
Format	Color
R_{YB}	79, 107, 141
Decimal	5210509
CIE _{Lab}	51.02, -13.48, -11.76
CIE _{LCh}	51, 17.886, 221.104
Yxy	19.2859, 0.2511, 0.3049
Android (android.graphics.Color)	4283400589 (0xFF4F818D)
YUV	115.4180, 12.6119, -31.9386
Hunter-Lab	43.9157, -12.2949, -7.1754

Details

The Yxy color **19.2859, 0.2511, 0.3049** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **13.7112, 0.4133, 0.3512**, and the grayscale version is **17.2476, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.2213, 0.2642, 0.3103**, and **6.7123, 0.2272, 0.2942** is the 20% darker color. If you saturate the color by 10%, you get **18.0352, 0.2396, 0.2984**, and if you desaturate by 10%, it is **20.6855, 0.2639, 0.3111**.

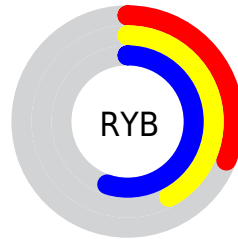
Distribution



Red (31%)

Green (51%)

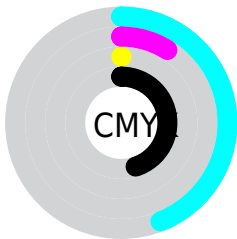
Blue (55%)



Red (31%)

Yellow (42%)

Blue (55%)

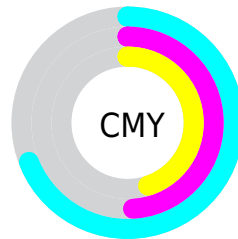


Cyan (44%)

Magenta (9%)

Yellow (0%)

Black (45%)



Cyan (69%)

Magenta (49%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 19.2859, 0.2511, 0.3049 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 19.2859, 0.2511, 0.3049 by changing the saturation by 10% instead.

■ 19.2859, 0.2511,
0.3049

■ 19.2859, 0.2511,
0.3049

■ 248.0226, 0.2857,
0.3193

■ 11.8770, 0.2410,
0.3002

■ 42.2166, 0.2647,
0.3108

■ 6.6600, 0.2269,
0.2934

■ 58.5073, 0.2695,
0.3128

■ 3.2504, 0.2062,
0.2827

■ 78.5274, 0.2734,
0.3145

■ 1.2638, 0.1731,
0.2634

■ 102.6613, 0.2767,
0.3158

■ 0.1129, 0.0000,
0.1067

■ 131.2933, 0.2795,
0.3169

■ 0.0000, 0.0000,
0.0000

164.8080, 0.2819,

0.3178

203.5896, 0.2839,
0.3186

■ 19.2859, 0.2511,
0.3049

■ 19.2859, 0.2511,
0.3049

■ 18.0352, 0.2396,
0.2984

■ 20.6855, 0.2639,
0.3111

■ 16.9229, 0.2295,
0.2918

■ 22.2395, 0.2776,
0.3168

■ 15.9405, 0.2212,
0.2850

■ 23.9556, 0.2920,
0.3222

■ 15.0774, 0.2147,
0.2781

■ 25.8404, 0.3068,
0.3272

■ 14.3206, 0.2100,
0.2713

■ 27.9000, 0.3217,
0.3317

■ 13.8919, 0.2076,
0.2672

■ 30.1403, 0.3366,
0.3357

■ 32.5669, 0.3512,
0.3393

■ 35.1850, 0.3654,
0.3425

■ 37.9997, 0.3791,
0.3453

Harmonies

Analogous

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



19.2859, 0.2646, 0.3359



19.2859, 0.2511, 0.3049



19.2859, 0.2530, 0.2829

Triad

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



19.2859, 0.2511, 0.3049



19.2859, 0.3327, 0.2951



19.2859, 0.3552, 0.3874

Complementary

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



19.2859, 0.2511, 0.3049



13.7112, 0.4133, 0.3512

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.



19.2859, 0.3756, 0.3723



19.2859, 0.2511, 0.3049



19.2859, 0.3626, 0.3196

Square

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



19.2859, 0.2511, 0.3049



19.2859, 0.2986, 0.2788



19.2859, 0.3785, 0.3474



19.2859, 0.3240, 0.3862

Rectangle

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



19.2859, 0.2511, 0.3049



19.2859, 0.2627, 0.2754



19.2859, 0.3785, 0.3474



19.2859, 0.3636, 0.3839

Sweetspot

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



19.2866, 0.2511, 0.3049



43.1221, 0.2930, 0.3226



21.4571, 0.2970, 0.4361



9.4893, 0.2901, 0.3216



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.



19.2866, 0.2511, 0.3049



32.2618, 0.2394, 0.2983



12.4415, 0.2403, 0.2400



5.9414, 0.2990, 0.3246



12.6887, 0.2076, 0.2674



0.1507, 0.2166, 0.2998

Inverse Universe

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



12.8412, 0.3354, 0.2428



19.5514, 0.3423, 0.2246



19.9923, 0.3894, 0.4038



5.4934, 0.3165, 0.3114



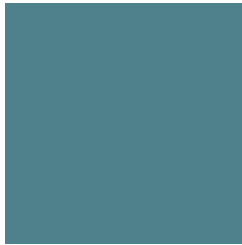
6.2673, 0.3753, 0.1841



0.0629, 0.3456, 0.1677

Previews

White Background



This preview shows how the Yxy color 19.2859, 0.2511, 0.3049 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 19.2859, 0.2511, 0.3049 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

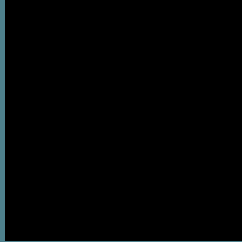
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.2859, 0.2511, 0.3049

Background



This preview shows how black text looks on a background with the Yxy color 19.2859, 0.2511, 0.3049.

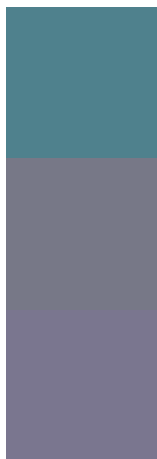


This preview shows how white text looks on a background with the Yxy color 19.2859, 0.2511, 0.3049.

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

19.2859, 0.2511, 0.3049

Protanopia

19.1041, 0.2948, 0.3012

Deuteranopia

19.0776, 0.2897, 0.2840



Tritanopia

19.2562, 0.2519, 0.3068

Trichromacy



Original Color

19.2859, 0.2511, 0.3049

Protanomaly

18.9151, 0.2763, 0.3020

Deuteranomaly

18.9362, 0.2735, 0.2912

Tritanomaly

19.2562, 0.2519, 0.3068

Monochromacy



Original Color

19.2859, 0.2511, 0.3049

Achromatopsia

17.1441, 0.3127, 0.3290

Achromatomaly

17.7130, 0.2868, 0.3209

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.2859, 0.2511, 0.3049 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(79, 129, 141)` looks like.

```
.text, #text, p{  
    color:rgb(79, 129, 141)  
}
```

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(79, 129, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 129, 141) }
```

Border

The CSS property to change the border of an element to Yxy 19.2859, 0.2511, 0.3049 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(79, 129, 141) }
```

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

```
.border{ border-color:rgb(79, 129, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 129, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 129, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 129, 141);  
box-shadow:4px 4px 4px 4px rgb(79, 129,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 19.2859, 0.2511, 0.3049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 129, 141) }
```

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

```
.background{ background-color: rgb(79, 129,  
141) }
```

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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