

Converting Colors

$Y_{xy}(19.5748, 0.3014, 0.3928)$

Have a look what the booklet for
Yxy(19.5748, 0.3014, 0.3928)
contains.

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Color

Yxy(19.4993, 0.3010, 0.3918)

Conversions

Conversions Part 1

Format	Color
Hex	5D8365
RGB	93, 131, 101
RGB Percent	36%, 51%, 40%
CMY	0.6353, 0.4863, 0.6039
CMYK	0.29, 0.00, 0.23, 0.49
HSL	133°, 17%, 44%
HSV	133°, 29%, 51%
XYZ	14.9803, 19.4993, 15.2889
YIQ	116.2180, -13.0180, -17.3860

Conversions

Conversions Part 2

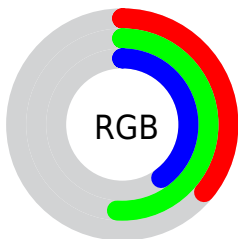
Format	Color
R_{YB}	93, 124, 131
Decimal	6128485
CIE _{Lab}	51.27, -19.86, 12.02
CIE _{LCh}	51, 23.214, 148.805
Yxy	19.4993, 0.3010, 0.3918
Android (android.graphics.Color)	4284318565 (0xFF5D8365)
YUV	116.2180, -7.5025, -20.3622
Hunter-Lab	44.1580, -16.7216, 10.3826

Details

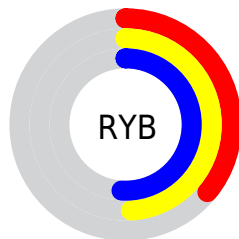
The Yxy color **19.4993, 0.3010, 0.3918** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **14.0852, 0.3272, 0.2735**, and the grayscale version is **17.5628, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.4773, 0.3039, 0.3763**, and **6.7091, 0.2943, 0.4210** is the 20% darker color. If you saturate the color by 10%, you get **18.6839, 0.2973, 0.4179**, and if you desaturate by 10%, it is **20.4590, 0.3050, 0.3679**.

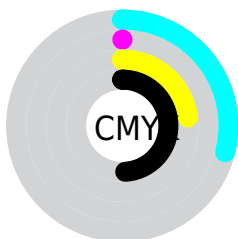
Distribution



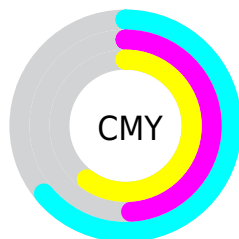
- Red (36%)
- Green (51%)
- Blue (40%)



- Red (36%)
- Yellow (49%)
- Blue (51%)



- Cyan (29%)
- Magenta (0%)
- Yellow (23%)
- Black (49%)



- Cyan (64%)
- Magenta (49%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.4993, 0.3010, 0.3918 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 19.4993, 0.3010, 0.3918 by changing the saturation by 10% instead.


 19.4993, 0.3010,
0.3918


 19.4993, 0.3010,
0.3918


249.1915, 0.3083,
0.3547


 12.0316, 0.2984,
0.4038


 42.5761, 0.3041,
0.3765


 6.7652, 0.2944,
0.4214


 58.9540, 0.3052,
0.3714

 3.3157, 0.2876,
0.4495

 79.0708, 0.3060,
0.3672

 1.2987, 0.2784,
0.5160

 103.3108, 0.3066,
0.3638

 0.1402, 0.0000,
1.0000

132.0585, 0.3072,
0.3610

 0.0000, 0.0000,
0.0000

165.6983, 0.3076,

0.3585

204.6145, 0.3080,
0.3565

■ 19.4993, 0.3010,
0.3918

■ 19.4993, 0.3010,
0.3918

■ 18.6839, 0.2973,
0.4179

■ 20.4590, 0.3050,
0.3679

■ 18.0034, 0.2941,
0.4458

■ 21.5669, 0.3091,
0.3463

■ 17.4511, 0.2917,
0.4745

■ 22.8299, 0.3131,
0.3272

■ 17.0187, 0.2903,
0.5030

■ 24.2538, 0.3171,
0.3104

■ 16.6972, 0.2901,
0.5297

■ 25.8438, 0.3208,
0.2957

■ 16.4757, 0.2911,
0.5531

■ 27.6053, 0.3244,
0.2828

■ 16.3281, 0.2927,
0.5723

■ 29.5430, 0.3277,
0.2717

■ 16.3147, 0.2928,
0.5741

■ 31.6618, 0.3308,
0.2620

■ 33.9663, 0.3337,
0.2536

Harmonies

Analogous

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



19.4993, 0.3440, 0.4073



19.4993, 0.3010, 0.3918



19.4993, 0.2629, 0.3552

Triad

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



19.4993, 0.3010, 0.3918



19.4993, 0.2471, 0.2612



19.4993, 0.3925, 0.3369

Complementary

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



19.4993, 0.3010, 0.3918



14.0852, 0.3272, 0.2735

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.



19.4993, 0.3629, 0.3030



19.4993, 0.3010, 0.3918



19.4993, 0.2778, 0.2609

Square

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



19.4993, 0.3010, 0.3918



19.4993, 0.2334, 0.2788



19.4993, 0.3200, 0.2760



19.4993, 0.3986, 0.3713

Rectangle

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



19.4993, 0.3010, 0.3918



19.4993, 0.2449, 0.3264



19.4993, 0.3200, 0.2760



19.4993, 0.3849, 0.3252

Sweetspot

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



19.5001, 0.3010, 0.3918



38.5779, 0.3090, 0.3467



21.2639, 0.3451, 0.4006



8.9195, 0.3085, 0.3494



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.



19.5001, 0.3010, 0.3918



33.8985, 0.2984, 0.4094



19.9067, 0.2829, 0.3520



5.2196, 0.3090, 0.3466



16.0596, 0.2928, 0.5739



0.0565, 0.2737, 0.5053

Inverse Universe

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



14.0852, 0.3272, 0.2735



22.4987, 0.3314, 0.2603



13.6630, 0.3552, 0.3073



4.7465, 0.3167, 0.3120



5.7220, 0.3806, 0.1870



0.0209, 0.3481, 0.1691

Previews

White Background



This preview shows how the Yxy color 19.4993, 0.3010, 0.3918 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 19.4993, 0.3010, 0.3918 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 19.4993, 0.3010, 0.3918

Background



This preview shows how black text looks on a background with the Yxy color 19.4993, 0.3010, 0.3918.



This preview shows how white text looks on a background with the Yxy color 19.4993, 0.3010, 0.3918.

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

19.4993, 0.3010, 0.3918

Protanopia

19.4307, 0.3525, 0.3779

Deuteranopia

19.2975, 0.3593, 0.3524



Tritanopia

19.4086, 0.2737, 0.3095

Trichromacy



Original Color

19.4993, 0.3010, 0.3918

Protanomaly

19.2621, 0.3322, 0.3822

Deuteranomaly

19.1093, 0.3362, 0.3655

Tritanomaly

19.4098, 0.2833, 0.3390

Monochromacy



Original Color

19.4993, 0.3010, 0.3918

Achromatopsia

17.4647, 0.3127, 0.3290

Achromatomaly

18.0106, 0.3081, 0.3492

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.4993, 0.3010, 0.3918 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, 131, 101)` looks like.

```
.text, #text, p{  
  color:rgb(93, 131, 101)  
}
```

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, 131, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 131, 101) }
```

Border

The CSS property to change the border of an element to Yxy 19.4993, 0.3010, 0.3918 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, 131, 101) }
```

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

```
.border{ border-color:rgb(93, 131, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 131, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 131, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 131, 101);  
box-shadow:4px 4px 4px 4px rgb(93, 131,  
101) }
```


Background

The CSS property to change the background color of an element to Yxy 19.4993, 0.3010, 0.3918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 131, 101) }
```

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

```
.background{ background-color: rgb(93, 131,  
101) }
```

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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