

Converting Colors

$Y_{xy}(19.5566, 0.3004, 0.2954)$

Have a look what the booklet for
Yxy(19.5566, 0.3004, 0.2954)
contains.

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Color

Yxy(19.5407, 0.3010, 0.2950)

Conversions

Conversions Part 1

Format	Color
Hex	7F778A
RGB	127, 119, 138
RGB Percent	50%, 47%, 54%
CMY	0.5019, 0.5333, 0.4589
CMYK	0.08, 0.14, 0.00, 0.46
HSL	265°, 8%, 50%
HSV	265°, 14%, 54%
XYZ	19.9381, 19.5407, 26.7608
YIQ	123.5580, -1.3310, 7.6050

Conversions

Conversions Part 2

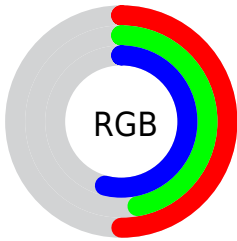
Format	Color
R_{YB}	127, 119, 138
Decimal	8353674
CIE _{Lab}	51.31, 6.94, -9.22
CIE _{LCh}	51, 11.541, 306.977
Yxy	19.5407, 0.3010, 0.2950
Android (android.graphics.Color)	4286543754 (0xFF7F778A)
YUV	123.5580, 7.1199, 3.0186
Hunter-Lab	44.2049, 3.1520, -4.9497

Details

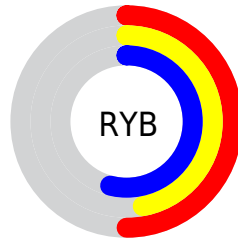
The Yxy color **19.5407, 0.3010, 0.2950** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **24.2485, 0.3233, 0.3627**, and the grayscale version is **19.9787, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.5907, 0.3043, 0.3028**, and **6.8308, 0.2962, 0.2827** is the 20% darker color. If you saturate the color by 10%, you get **15.9041, 0.2909, 0.2678**, and if you desaturate by 10%, it is **23.7043, 0.3098, 0.3201**.

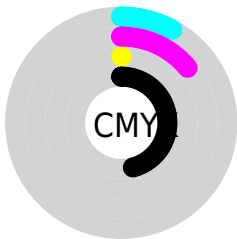
Distribution



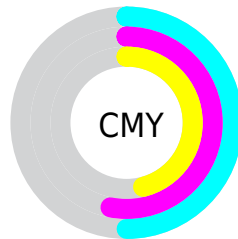
- Red (50%)
- Green (47%)
- Blue (54%)



- Red (50%)
- Yellow (47%)
- Blue (54%)



- Cyan (8%)
- Magenta (14%)
- Yellow (0%)
- Black (46%)



- Cyan (50%)
- Magenta (53%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 19.5407, 0.3010, 0.2950 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 19.5407, 0.3010, 0.2950 by changing the saturation by 10% instead.

■ 19.5407, 0.3010,
0.2950

■ 19.5407, 0.3010,
0.2950

249.4177, 0.3078,
0.3141

■ 12.0616, 0.2989,
0.2894

■ 42.6458, 0.3038,
0.3025

■ 6.7857, 0.2958,
0.2815

■ 59.0406, 0.3047,
0.3052

■ 3.3284, 0.2911,
0.2698

■ 79.1761, 0.3055,
0.3073

■ 1.3055, 0.2829,
0.2506

103.4366, 0.3061,
0.3091

■ 0.1455, 0.2450,
0.1158

132.2067, 0.3066,
0.3107

■ 0.0000, 0.0000,
0.0000

165.8706, 0.3071,

0.3120

204.8128, 0.3075,
0.3131

■ 19.5407, 0.3010,
0.2950

■ 19.5407, 0.3010,
0.2950

■ 15.9041, 0.2909,
0.2678

■ 23.7043, 0.3098,
0.3201

■ 12.7704, 0.2795,
0.2391

■ 28.4127, 0.3173,
0.3430

■ 10.1173, 0.2667,
0.2094

■ 33.6858, 0.3236,
0.3637

■ 7.9199, 0.2530,
0.1798

■ 39.5421, 0.3290,
0.3822

■ 6.1509, 0.2386,
0.1517

■ 45.9989, 0.3335,
0.3987

■ 4.7799, 0.2242,
0.1266

■ 53.0729, 0.3373,
0.4134

■ 3.7727, 0.2103,
0.1058

■ 60.7801, 0.3405,
0.4265

■ 3.0871, 0.1978,
0.0905

■ 69.1359, 0.3431,
0.4381

■ 2.7430, 0.1905,
0.0823

■ 78.1554, 0.3453,
0.4484

Harmonies

Analogous

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



19.5407, 0.2829, 0.2934



19.5407, 0.3010, 0.2950



19.5407, 0.3228, 0.3049

Triad

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



19.5407, 0.3010, 0.2950



19.5407, 0.3540, 0.3556



19.5407, 0.2835, 0.3366

Complementary

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



19.5407, 0.3010, 0.2950



24.2485, 0.3233, 0.3627

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.



19.5407, 0.3017, 0.3550



19.5407, 0.3010, 0.2950



19.5407, 0.3426, 0.3658

Square

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



19.5407, 0.3010, 0.2950



19.5407, 0.3540, 0.3391



19.5407, 0.3234, 0.3659



19.5407, 0.2731, 0.3166

Rectangle

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



19.5407, 0.3010, 0.2950



19.5407, 0.3365, 0.3150



19.5407, 0.3234, 0.3659



19.5407, 0.2889, 0.3432

Sweetspot

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



19.5415, 0.3010, 0.2950



41.5385, 0.3095, 0.3193



21.7419, 0.2921, 0.3146



9.1996, 0.3089, 0.3177



69.2071, 0.3127, 0.3290



10.0482, 0.3127, 0.3290

Same Dimension

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



19.5415, 0.3010, 0.2950



32.0374, 0.2975, 0.2854



20.2962, 0.3123, 0.2962



4.9888, 0.3052, 0.3069



2.5237, 0.1909, 0.0825



0.0251, 0.2404, 0.1098

Inverse Universe

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



20.2063, 0.3236, 0.3099



33.4942, 0.3270, 0.3047



23.5401, 0.3128, 0.3638



5.0938, 0.3197, 0.3164



5.4840, 0.4586, 0.2300



0.0394, 0.3858, 0.1899

Previews

White Background



This preview shows how the Yxy color 19.5407, 0.3010, 0.2950 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 19.5407, 0.3010, 0.2950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

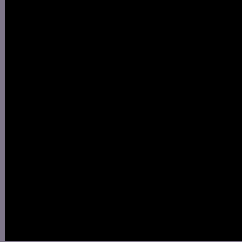
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.5407, 0.3010, 0.2950

Background



This preview shows how black text looks on a background with the Yxy color 19.5407, 0.3010, 0.2950.



This preview shows how white text looks on a background with the Yxy color 19.5407, 0.3010, 0.2950.

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

19.5407, 0.3010, 0.2950

Protanopia

19.4608, 0.2906, 0.2960

Deuteranopia

19.5407, 0.3010, 0.2950



Tritanopia

19.4803, 0.3087, 0.3107

Trichromacy



Original Color

19.5407, 0.3010, 0.2950

Protanomaly

19.4346, 0.2940, 0.2945

Deuteranomaly

19.5407, 0.3010, 0.2950

Tritanomaly

19.5620, 0.3053, 0.3054

Monochromacy



Original Color

19.5407, 0.3010, 0.2950

Achromatopsia

20.1556, 0.3127, 0.3290

Achromatomaly

19.8640, 0.3085, 0.3162

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.5407, 0.3010, 0.2950 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(127, 119, 138)` looks like.

```
.text, #text, p{  
    color:rgb(127, 119, 138)  
}
```

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(127, 119, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 119, 138) }
```

Border

The CSS property to change the border of an element to Yxy 19.5407, 0.3010, 0.2950 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(127, 119, 138) }
```

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

```
.border{ border-color:rgb(127, 119, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 119, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 119, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 119, 138);  
box-shadow:4px 4px 4px 4px rgb(127, 119,  
138) }
```


Background

The CSS property to change the background color of an element to Yxy 19.5407, 0.3010, 0.2950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 119, 138) }
```

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

```
.background{ background-color: rgb(127,  
119, 138) }
```

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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