

Converting Colors

$Y_{xy}(19.1010, 0.3697, 0.3881)$

Have a look what the booklet for
Yxy(19.1010, 0.3697, 0.3881)
contains.

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Color

Yxy(19.2059, 0.3700, 0.3881)

Conversions

Conversions Part 1

Format	Color
Hex	867858
RGB	134, 120, 88
RGB Percent	53%, 47%, 35%
CMY	0.4745, 0.5294, 0.6550
CMYK	0.00, 0.10, 0.34, 0.47
HSL	42°, 21%, 44%
HSV	42°, 34%, 53%
XYZ	18.3102, 19.2059, 11.9709
YIQ	120.5380, 18.6160, -6.9840

Conversions

Conversions Part 2

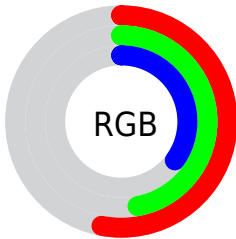
Format	Color
R_{YB}	108, 134, 88
Decimal	8812632
CIE _{Lab}	50.93, 0.29, 19.58
CIE _{LCh}	51, 19.582, 89.145
Yxy	19.2059, 0.3700, 0.3881
Android (android.graphics.Color)	4287002712 (0xFF867858)
YUV	120.5380, -16.0412, 11.8062
Hunter-Lab	43.8245, -2.1144, 14.4818

Details

The Yxy color $19.2059, 0.3700, 0.3881$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $13.2970, 0.2574, 0.2617$, and the grayscale version is $19.0124, 0.3127, 0.3290$.

A 20% lighter version of the original color is $42.0314, 0.3574, 0.3748$, and $6.6409, 0.3919, 0.4129$ is the 20% darker color. If you saturate the color by 10%, you get $18.0444, 0.3891, 0.4053$, and if you desaturate by 10%, it is $20.4518, 0.3518, 0.3705$.

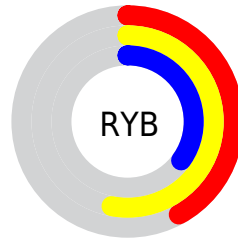
Distribution



Red (53%)

Green (47%)

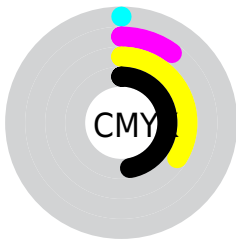
Blue (35%)



Red (42%)

Yellow (53%)

Blue (35%)

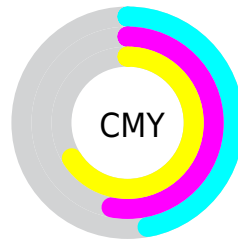


Cyan (0%)

Magenta (10%)

Yellow (34%)

Black (47%)



Cyan (47%)


Magenta (53%)


Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.2059, 0.3700, 0.3881 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 19.2059, 0.3700, 0.3881 by changing the saturation by 10% instead.


 19.2059, 0.3700,
0.3881


 19.2059, 0.3700,
0.3881


247.5831, 0.3374,
0.3545


 11.8192, 0.3797,
0.3980


 42.0817, 0.3571,
0.3748

 6.6207, 0.3930,
0.4117


 58.3396, 0.3525,
0.3701

 3.2260, 0.4124,
0.4315

 78.3233, 0.3489,
0.3663

 1.2508, 0.4892,
0.5108

 102.4172, 0.3458,
0.3632

 0.1027, 0.5049,
0.4951

 131.0058, 0.3432,
0.3605

 0.0000, 0.0000,
0.0000

164.4734, 0.3410,

0.3582

203.2043, 0.3391,
0.3562

■ 19.2059, 0.3700,
0.3881

■ 19.2059, 0.3700,
0.3881

■ 18.0444, 0.3891,
0.4053

■ 20.4518, 0.3518,
0.3705

■ 16.9619, 0.4087,
0.4212

■ 21.7821, 0.3347,
0.3530

■ 15.9562, 0.4280,
0.4350

■ 23.1999, 0.3191,
0.3361

■ 15.0242, 0.4462,
0.4456

■ 24.7078, 0.3048,
0.3200

■ 14.1622, 0.4625,
0.4521

■ 26.3077, 0.2920,
0.3050

■ 13.3655, 0.4761,
0.4540

■ 28.0019, 0.2805,
0.2911

■ 12.9367, 0.4835,
0.4543

■ 29.7923, 0.2702,
0.2782

■ 31.6808, 0.2609,
0.2664

■ 33.6695, 0.2527,
0.2555

Harmonies

Analogous

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



19.2059, 0.3855, 0.3660



19.2059, 0.3700, 0.3881



19.2059, 0.3393, 0.3949

Triad

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



19.2059, 0.3700, 0.3881



19.2059, 0.2494, 0.3152



19.2059, 0.3196, 0.2837

Complementary

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



19.2059, 0.3700, 0.3881



13.2970, 0.2574, 0.2617

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.



19.2059, 0.2835, 0.2706



19.2059, 0.3700, 0.3881



19.2059, 0.2447, 0.2864

Square

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



19.2059, 0.3700, 0.3881



19.2059, 0.2701, 0.3508



19.2059, 0.2568, 0.2710



19.2059, 0.3556, 0.3073

Rectangle

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



19.2059, 0.3700, 0.3881



19.2059, 0.3150, 0.3881



19.2059, 0.2568, 0.2710



19.2059, 0.3070, 0.2780

Sweetspot

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



19.2068, 0.3700, 0.3881



39.3826, 0.3281, 0.3459



13.0165, 0.3648, 0.3016



8.8062, 0.3300, 0.3479



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.



19.2068, 0.3700, 0.3881



32.2740, 0.3844, 0.4012



22.1607, 0.3519, 0.4142



5.1901, 0.3264, 0.3441



12.1408, 0.4833, 0.4545



0.0550, 0.4487, 0.4819

Inverse Universe

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



13.2970, 0.2574, 0.2617



20.2771, 0.2441, 0.2438



11.2082, 0.2642, 0.2339



4.7587, 0.2992, 0.3135



3.1028, 0.1627, 0.1057



0.0224, 0.1848, 0.1851

Previews

White Background



This preview shows how the Yxy color 19.2059, 0.3700, 0.3881 looks on a white background.

Color Contrast Check

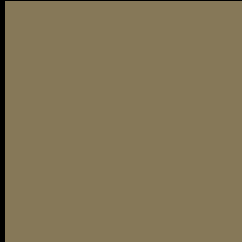
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.2059, 0.3700, 0.3881 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 19.2059, 0.3700, 0.3881

Background



This preview shows how black text looks on a background with the Yxy color 19.2059, 0.3700, 0.3881.



This preview shows how white text looks on a background with the Yxy color 19.2059, 0.3700, 0.3881.

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

19.2059, 0.3700, 0.3881

Protanopia

19.1418, 0.3628, 0.3891

Deuteranopia

19.1413, 0.3848, 0.3767



Tritanopia

19.1200, 0.3316, 0.3131

Trichromacy



Original Color

19.2059, 0.3700, 0.3881

Protanomaly

19.2213, 0.3641, 0.3888

Deuteranomaly

19.0193, 0.3787, 0.3795

Tritanomaly

19.1886, 0.3463, 0.3399

Monochromacy



Original Color

19.2059, 0.3700, 0.3881

Achromatopsia

19.1202, 0.3127, 0.3290

Achromatomaly

19.2145, 0.3332, 0.3517

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.2059, 0.3700, 0.3881 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(134, 120, 88)` looks like.

```
.text, #text, p{  
    color:rgb(134, 120, 88)  
}
```

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(134, 120, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 120, 88) }
```

Border

The CSS property to change the border of an element to Yxy 19.2059, 0.3700, 0.3881 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(134, 120, 88) }
```

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

```
.border{ border-color:rgb(134, 120, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 120, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 120, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 120, 88);  
box-shadow:4px 4px 4px 4px rgb(134, 120,  
88) }
```


Background

The CSS property to change the background color of an element to Yxy 19.2059, 0.3700, 0.3881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 120, 88) }
```

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

```
.background{ background-color: rgb(134,  
120, 88) }
```

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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