

Converting Colors

$Y_{xy}(18.9471, 0.4375, 0.3367)$

Have a look what the booklet for
Yxy(18.9471, 0.4375, 0.3367)
contains.

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Color

Yxy(18.9907, 0.4379, 0.3366)

Conversions

Conversions Part 1

Format	Color
Hex	B2625D
RGB	178, 98, 93
RGB Percent	70%, 38%, 36%
CMY	0.3019, 0.6157, 0.6352
CMYK	0.00, 0.45, 0.48, 0.30
HSL	4°, 36%, 53%
HSV	4°, 48%, 70%
XYZ	24.7060, 18.9907, 12.7225
YIQ	121.3500, 49.2850, 15.4050

Conversions

Conversions Part 2

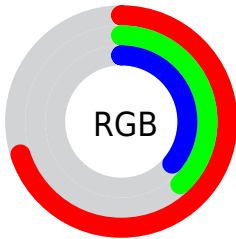
Format	Color
RYB	178, 98, 93
Decimal	11690589
CIELab	50.68, 31.70, 17.18
CIElCh	51, 36.058, 28.459
Yxy	18.9907, 0.4379, 0.3366
Android (android.graphics.Color)	4289880669 (0xFFB2625D)
YUV	121.3500, -13.9765, 49.6821
Hunter-Lab	43.5783, 24.9354, 13.1953

Details

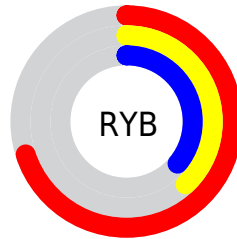
The Yxy color **18.9907, 0.4379, 0.3366** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **35.4407, 0.2490, 0.3208**, and the grayscale version is **19.2745, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.6287, 0.4087, 0.3372**, and **6.5394, 0.4912, 0.3333** is the 20% darker color. If you saturate the color by 10%, you get **15.8977, 0.4801, 0.3377**, and if you desaturate by 10%, it is **22.8155, 0.4013, 0.3351**.

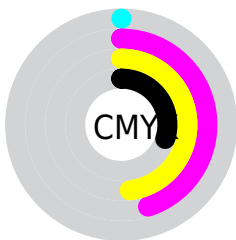
Distribution



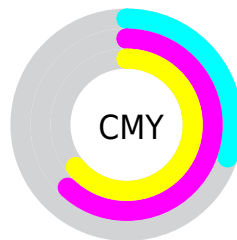
- Red (70%)
- Green (38%)
- Blue (36%)



- Red (70%)
- Yellow (38%)
- Blue (36%)



- Cyan (0%)
- Magenta (45%)
- Yellow (48%)
- Black (30%)




- Cyan (30%)
- Magenta (62%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 18.9907, 0.4379, 0.3366 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 18.9907, 0.4379, 0.3366 by changing the saturation by 10% instead.


 18.9907, 0.4379,
0.3366

 18.9907, 0.4379,
0.3366


246.3974, 0.3654,
0.3350

 11.6636, 0.4599,
0.3356


 41.7184, 0.4088,
0.3369

 6.5150, 0.4908,
0.3329


 57.8877, 0.3988,
0.3367

 3.1607, 0.5365,
0.3262

 77.7732, 0.3906,
0.3365

 1.2162, 0.6483,
0.3286

 101.7593, 0.3838,
0.3362

 0.0749, 0.9186,
0.0814

130.2304, 0.3781,
0.3359

 0.0000, 0.0000,
0.0000

163.5708, 0.3733,

0.3356

202.1651, 0.3691,
0.3353

■ 18.9907, 0.4379,
0.3366

■ 18.9907, 0.4379,
0.3366

■ 15.8977, 0.4801,
0.3377

■ 22.8155, 0.4013,
0.3351

■ 13.4872, 0.5259,
0.3382

■ 27.4116, 0.3708,
0.3334

■ 11.7083, 0.5704,
0.3376


■ 32.8192, 0.3459,
0.3317

■ 10.5017, 0.6074,
0.3358

■ 39.0747, 0.3257,
0.3301

■ 9.7948, 0.6315,
0.3335


■ 46.2124, 0.3093,
0.3287

 9.6929, 0.6357,
0.3335

 54.2647, 0.2961,
0.3273

 63.2623, 0.2853,
0.3261

 73.2346, 0.2765,
0.3251

 84.2096, 0.2692,
0.3241

Harmonies

Analogous

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



18.9907, 0.3903, 0.2881



18.9907, 0.4379, 0.3366



18.9907, 0.4461, 0.3878

Triad

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



18.9907, 0.4379, 0.3366



18.9907, 0.2927, 0.4323



18.9907, 0.2134, 0.2268

Complementary

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



18.9907, 0.4379, 0.3366



35.4407, 0.2490, 0.3208

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.



18.9907, 0.1942, 0.2505



18.9907, 0.4379, 0.3366



18.9907, 0.2357, 0.3707

Square

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



18.9907, 0.4379, 0.3366



18.9907, 0.3585, 0.4538



18.9907, 0.2014, 0.3009



18.9907, 0.2576, 0.2277

Rectangle

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



18.9907, 0.4379, 0.3366



18.9907, 0.4292, 0.4192



18.9907, 0.2014, 0.3009



18.9907, 0.2042, 0.2318

Sweetspot

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



18.9917, 0.4379, 0.3366



63.3055, 0.3383, 0.3312



20.3442, 0.3231, 0.2199



13.5070, 0.3428, 0.3315



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



18.9917, 0.4379, 0.3366



28.7074, 0.4812, 0.3378



28.9437, 0.4066, 0.3964



8.5826, 0.3286, 0.3304



6.9670, 0.6348, 0.3342



0.2455, 0.6138, 0.3508

Inverse Universe

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



35.4407, 0.2490, 0.3208



61.9966, 0.2394, 0.3189



21.8460, 0.2358, 0.2488



9.5445, 0.2986, 0.3276



22.2558, 0.2197, 0.3109



0.7258, 0.2212, 0.3163

Previews

White Background



This preview shows how the Yxy color 18.9907, 0.4379, 0.3366 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 18.9907, 0.4379, 0.3366 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 18.9907, 0.4379, 0.3366

Background



This preview shows how black text looks on a background with the Yxy color 18.9907, 0.4379, 0.3366.



This preview shows how white text looks on a background with the Yxy color 18.9907, 0.4379, 0.3366.

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

18.9907, 0.4379, 0.3366

Protanopia

19.1862, 0.3405, 0.3612

Deuteranopia

19.0686, 0.3821, 0.3752



Tritanopia

18.9287, 0.4253, 0.3192

Trichromacy



Original Color

18.9907, 0.4379, 0.3366

Protanomaly

18.8413, 0.3747, 0.3519

Deuteranomaly

18.7605, 0.4033, 0.3591

Tritanomaly

19.0339, 0.4308, 0.3265

Monochromacy



Original Color

18.9907, 0.4379, 0.3366

Achromatopsia

19.1202, 0.3127, 0.3290

Achromatomaly

18.7087, 0.3544, 0.3327

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.9907, 0.4379, 0.3366 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(178, 98, 93)` looks like.

```
.text, #text, p{  
    color:rgb(178, 98, 93)  
}
```

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(178, 98, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 98, 93) }
```

Border

The CSS property to change the border of an element to Yxy 18.9907, 0.4379, 0.3366 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(178, 98, 93) }
```

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

```
.border{ border-color:rgb(178, 98, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 98, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 98, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 98, 93);  
box-shadow:4px 4px 4px 4px rgb(178, 98,  
93) }
```


Background

The CSS property to change the background color of an element to Yxy 18.9907, 0.4379, 0.3366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 98, 93) }
```

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

```
.background{ background-color: rgb(178, 98,  
93) }
```

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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