

Converting Colors

$Y_{xy}(19.9621, 0.4690, 0.3346)$

Have a look what the booklet for
Yxy(19.9621, 0.4690, 0.3346)
contains.

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Color

Yxy(19.8282, 0.4698, 0.3346)

Conversions

Conversions Part 1

Format	Color
Hex	C25C58
RGB	194, 92, 88
RGB Percent	76%, 36%, 35%
CMY	0.2391, 0.6392, 0.6549
CMYK	0.00, 0.53, 0.55, 0.24
HSL	2°, 47%, 55%
HSV	2°, 55%, 76%
XYZ	27.8401, 19.8282, 11.5911
YIQ	122.0420, 62.0760, 20.3800

Conversions

Conversions Part 2

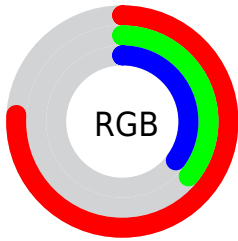
Format	Color
RYB	194, 92, 88
Decimal	12737624
CIELab	51.64, 40.50, 21.84
CIElCh	52, 46.008, 28.335
Yxy	19.8282, 0.4698, 0.3346
Android (android.graphics.Color)	4290927704 (0xFFC25C58)
YUV	122.0420, -16.7827, 63.1072
Hunter-Lab	44.5289, 33.6752, 15.7367

Details

The Yxy color **19.8282, 0.4698, 0.3346** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted red. A complement of this color would be **42.8061, 0.2427, 0.3228**, and the grayscale version is **19.5170, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.1566, 0.4336, 0.3367**, and **6.9945, 0.5316, 0.3267** is the 20% darker color. If you saturate the color by 10%, you get **16.7039, 0.5159, 0.3351**, and if you desaturate by 10%, it is **23.8371, 0.4281, 0.3338**.

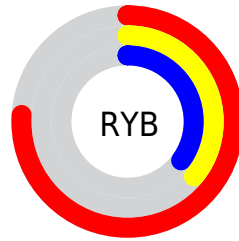
Distribution



Red (76%)

Green (36%)

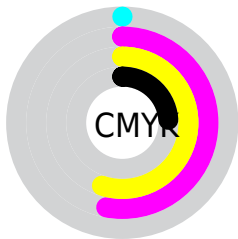
Blue (35%)



Red (76%)

Yellow (36%)

Blue (35%)

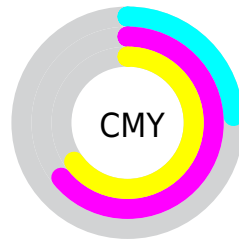


Cyan (0%)

Magenta (53%)

Yellow (55%)

Black (24%)



Cyan (24%)


Magenta (64%)


Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.8282, 0.4698, 0.3346 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 19.8282, 0.4698, 0.3346 by changing the saturation by 10% instead.


 19.8282, 0.4698,
0.3346


 19.8282, 0.4698,
0.3346


250.9835, 0.3797,
0.3358


 12.2702, 0.4963,
0.3320


 43.1290, 0.4341,
0.3365


 6.9280, 0.5327,
0.3266


 59.6405, 0.4216,
0.3367


 3.4171, 0.5845,
0.3152

 79.9054, 0.4114,
0.3367

 1.3532, 0.6957,
0.3043

 104.3080, 0.4029,
0.3366

 0.1818, 0.8688,
0.1312

 133.2328, 0.3958,
0.3365

 0.0000, 1.0000,
0.0000

167.0640, 0.3896,

 0.0000, 0.0000,

0.3363

0.0000

206.1861, 0.3844,
0.3361

■ 19.8282, 0.4698,
0.3346

■ 19.8282, 0.4698,
0.3346

■ 16.7039, 0.5159,
0.3351

■ 23.8371, 0.4281,
0.3338

■ 14.3946, 0.5620,
0.3349

■ 28.7872, 0.3925,
0.3327

■ 12.8251, 0.6018,
0.3339

■ 34.7342, 0.3632,
0.3316

■ 11.9051, 0.6284,
0.3323

■ 41.7284, 0.3394,
0.3305

■ 11.6306, 0.6375,
0.3320

■ 49.8167, 0.3203,
0.3294

■ 59.0434, 0.3049,
0.3285

■ 69.4500, 0.2924,
0.3277

■ 81.0763, 0.2823,
0.3269

■ 90.2117, 0.2773,
0.3289

Harmonies

Analogous

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



19.8282, 0.4095, 0.2777



19.8282, 0.4698, 0.3346



19.8282, 0.4778, 0.3959

Triad

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



19.8282, 0.4698, 0.3346



19.8282, 0.2856, 0.4631



19.8282, 0.1917, 0.2045

Complementary

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



19.8282, 0.4698, 0.3346



42.8061, 0.2427, 0.3228

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.



19.8282, 0.1694, 0.2310



19.8282, 0.4698, 0.3346



19.8282, 0.2168, 0.3817

Square

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



19.8282, 0.4698, 0.3346



19.8282, 0.3661, 0.4865



19.8282, 0.1770, 0.2916



19.8282, 0.2437, 0.2065

Rectangle

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



19.8282, 0.4698, 0.3346



19.8282, 0.4549, 0.4355



19.8282, 0.1770, 0.2916



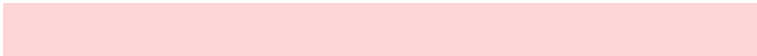
19.8282, 0.1810, 0.2099

Sweetspot

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



19.8293, 0.4698, 0.3346



73.4173, 0.3429, 0.3306



22.1893, 0.3228, 0.2041



15.4739, 0.3476, 0.3309



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



19.8293, 0.4698, 0.3346



29.1231, 0.5272, 0.3351



32.2869, 0.4257, 0.4035



10.1374, 0.3288, 0.3299



7.6722, 0.6368, 0.3325



0.3529, 0.6252, 0.3418

Inverse Universe

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



42.8061, 0.2427, 0.3228



75.0409, 0.2332, 0.3212



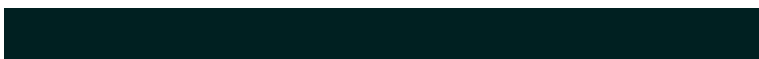
23.9963, 0.2249, 0.2370



11.3612, 0.2984, 0.3281



25.8682, 0.2215, 0.3173



1.1383, 0.2222, 0.3200

Previews

White Background



This preview shows how the Yxy color 19.8282, 0.4698, 0.3346 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 19.8282, 0.4698, 0.3346 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 19.8282, 0.4698, 0.3346

Background



This preview shows how black text looks on a background with the Yxy color 19.8282, 0.4698, 0.3346.



This preview shows how white text looks on a background with the Yxy color 19.8282, 0.4698, 0.3346.

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

19.8282, 0.4698, 0.3346

Protanopia

19.9505, 0.3475, 0.3680

Deuteranopia

19.8773, 0.3965, 0.3891



Tritanopia

19.9473, 0.4580, 0.3217

Trichromacy



Original Color

19.8282, 0.4698, 0.3346

Protanomaly

19.3214, 0.3903, 0.3544

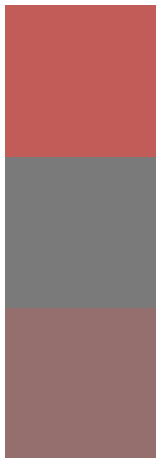
Deuteranomaly

19.5925, 0.4237, 0.3669

Tritanomaly

19.8924, 0.4626, 0.3256

Monochromacy



Original Color

19.8282, 0.4698, 0.3346

Achromatopsia

19.4618, 0.3127, 0.3290

Achromatomaly

18.7906, 0.3647, 0.3309

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.8282, 0.4698, 0.3346 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(194, 92, 88)` looks like.

```
.text, #text, p{  
  color:rgb(194, 92, 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(194, 92, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 92, 88) }
```

Border

The CSS property to change the border of an element to Yxy 19.8282, 0.4698, 0.3346 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(194, 92, 88) }
```

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

```
.border{ border-color:rgb(194, 92, 88) }
```

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

Here you see how a box with a 4 pixel rgb(194, 92, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 92, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 92, 88);  
box-shadow:4px 4px 4px 4px rgb(194, 92,  
88) }
```


Background

The CSS property to change the background color of an element to Yxy 19.8282, 0.4698, 0.3346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 92, 88) }
```

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

```
.background{ background-color: rgb(194, 92,  
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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