

Converting Colors

$Y_{xy}(18.2096, 0.4713, 0.3170)$

Have a look what the booklet for
Yxy(18.2096, 0.4713, 0.3170)
contains.

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Color

Yxy(18.2766, 0.4714, 0.3168)

Conversions

Conversions Part 1

Format	Color
Hex	C2525C
RGB	194, 82, 92
RGB Percent	76%, 32%, 36%
CMY	0.2392, 0.6784, 0.6392
CMYK	0.00, 0.58, 0.53, 0.24
HSL	355°, 48%, 54%
HSV	355°, 58%, 76%
XYZ	27.1957, 18.2766, 12.2190
YIQ	116.6280, 63.5420, 26.8540

Conversions

Conversions Part 2

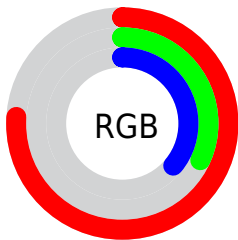
Format	Color
RYB	194, 82, 92
Decimal	12735068
CIELab	49.83, 45.73, 17.03
CIELCh	50, 48.795, 20.428
Yxy	18.2766, 0.4714, 0.3168
Android (android.graphics.Color)	4290925148 (0xFFC2525C)
YUV	116.6280, -12.1416, 67.8552
Hunter-Lab	42.7511, 38.7363, 12.9797

Details

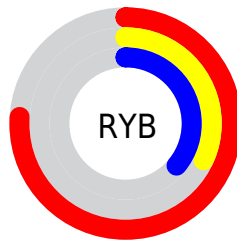
The Yxy color **18.2766, 0.4714, 0.3168** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted red. A complement of this color would be **43.8356, 0.2466, 0.3440**, and the grayscale version is **17.6930, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.3518, 0.4344, 0.3221**, and **6.1320, 0.5383, 0.3035** is the 20% darker color. If you saturate the color by 10%, you get **15.4796, 0.5161, 0.3164**, and if you desaturate by 10%, it is **21.9746, 0.4307, 0.3183**.

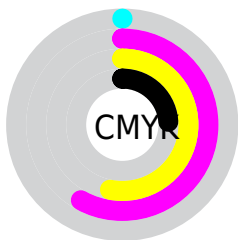
Distribution



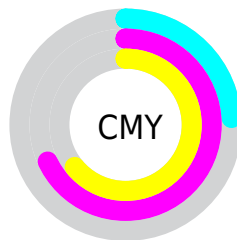
- Red (76%)
- Green (32%)
- Blue (36%)



- Red (76%)
- Yellow (32%)
- Blue (36%)



- Cyan (0%)
- Magenta (58%)
- Yellow (53%)
- Black (24%)




- Cyan (24%)
- Magenta (68%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 18.2766, 0.4714, 0.3168 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 18.2766, 0.4714, 0.3168 by changing the saturation by 10% instead.


 18.2766, 0.4714,
0.3168


 18.2766, 0.4714,
0.3168


242.4255, 0.3794,
0.3276

 11.1488, 0.4992,
0.3116


 40.5081, 0.4345,
0.3223


 6.1670, 0.5378,
0.3030

 56.3805, 0.4217,
0.3238

 2.9469, 0.5941,
0.2871

 75.9366, 0.4114,
0.3249

 1.1041, 0.7274,
0.2726

 99.5607, 0.4027,
0.3258

 0.0000, 1.0000,
0.0000

 127.6373, 0.3955,
0.3264

 0.0000, 0.0000,
0.0000

160.5507, 0.3893,

0.3269

198.6853, 0.3840,
0.3273

■ 18.2766, 0.4714,
0.3168

■ 18.2766, 0.4714,
0.3168

■ 15.4796, 0.5161,
0.3164

■ 21.9746, 0.4307,
0.3183

■ 13.5037, 0.5608,
0.3175

■ 26.6385, 0.3958,
0.3204

■ 12.2604, 0.5993,
0.3204

■ 32.3308, 0.3670,
0.3227

■ 11.6195, 0.6259,
0.3242

■ 39.1077, 0.3435,
0.3251

■ 11.5097, 0.6305,
0.3247

■ 47.0217, 0.3247,
0.3273

■ 56.1215, 0.3096,
0.3295

■ 66.4531, 0.2973,
0.3314

■ 78.0602, 0.2875,
0.3332

■ 89.9548, 0.2793,
0.3331

Harmonies

Analogous

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



18.2766, 0.3939, 0.2591



18.2766, 0.4714, 0.3168



18.2766, 0.4948, 0.3811

Triad

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



18.2766, 0.4714, 0.3168



18.2766, 0.3045, 0.4909



18.2766, 0.1737, 0.1994

Complementary

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



18.2766, 0.4714, 0.3168



43.8356, 0.2466, 0.3440

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.



18.2766, 0.1582, 0.2358



18.2766, 0.4714, 0.3168



18.2766, 0.2253, 0.4139

Square

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



18.2766, 0.4714, 0.3168



18.2766, 0.3906, 0.4948



18.2766, 0.1744, 0.3108



18.2766, 0.2203, 0.1946

Rectangle

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



18.2766, 0.4714, 0.3168



18.2766, 0.4777, 0.4249



18.2766, 0.1744, 0.3108



18.2766, 0.1652, 0.2076

Sweetspot

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



18.2776, 0.4714, 0.3168



71.4651, 0.3426, 0.3252



19.9734, 0.3058, 0.1895



15.0583, 0.3470, 0.3247



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.



18.2776, 0.4714, 0.3168



27.0697, 0.5269, 0.3165



27.2061, 0.4468, 0.3880



10.0922, 0.3275, 0.3270



7.5733, 0.6287, 0.3237



0.3323, 0.5918, 0.3034

Inverse Universe

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



18.2776, 0.4714, 0.3168



27.0697, 0.5269, 0.3165



27.2476, 0.2258, 0.2564



10.0922, 0.3275, 0.3270



7.5733, 0.6287, 0.3237



0.3323, 0.5918, 0.3034

Previews

White Background



This preview shows how the Yxy color 18.2766, 0.4714, 0.3168 looks on a white 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

Black Background



This preview shows how the Yxy color 18.2766, 0.4714, 0.3168 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 18.2766, 0.4714, 0.3168

Background



This preview shows how black text looks on a background with the Yxy color 18.2766, 0.4714, 0.3168.

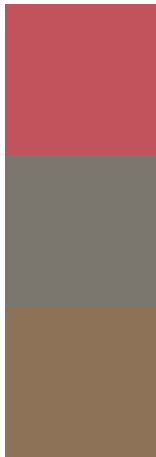


This preview shows how white text looks on a background with the Yxy color 18.2766, 0.4714, 0.3168.

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

18.2766, 0.4714, 0.3168

Protanopia

18.5304, 0.3285, 0.3463

Deuteranopia

18.3855, 0.3845, 0.3776



Tritanopia

18.3604, 0.4771, 0.3232

Trichromacy



Original Color

18.2766, 0.4714, 0.3168

Protanomaly

17.6769, 0.3783, 0.3344

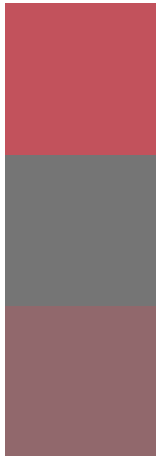
Deuteranomaly

17.6976, 0.4168, 0.3504

Tritanomaly

18.3771, 0.4755, 0.3219

Monochromacy



Original Color

18.2766, 0.4714, 0.3168

Achromatopsia

17.7888, 0.3127, 0.3290

Achromatomaly

17.0031, 0.3663, 0.3221

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.2766, 0.4714, 0.3168 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, 82, 92)` looks like.

```
.text, #text, p{  
  color:rgb(194, 82, 92)  
}
```

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, 82, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 82, 92) }
```

Border

The CSS property to change the border of an element to Yxy 18.2766, 0.4714, 0.3168 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, 82, 92) }
```

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

```
.border{ border-color:rgb(194, 82, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 82, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 82, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 82, 92);  
box-shadow:4px 4px 4px 4px rgb(194, 82,  
92) }
```


Background

The CSS property to change the background color of an element to Yxy 18.2766, 0.4714, 0.3168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 82, 92) }
```

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

```
.background{ background-color: rgb(194, 82,  
92) }
```

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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