

Converting Colors

$Y_{xy}(18.1142, 0.4615, 0.3028)$

Have a look what the booklet for
Yxy(18.1142, 0.4615, 0.3028)
contains.

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Color

Yxy(18.1142, 0.4615, 0.3028)

Conversions

Conversions Part 1

Format	Color
Hex	C34F64
RGB	195, 79, 100
RGB Percent	76%, 31%, 39%
CMY	0.2352, 0.6903, 0.6078
CMYK	0.00, 0.60, 0.49, 0.24
HSL	349°, 49%, 54%
HSV	349°, 60%, 76%
XYZ	27.6080, 18.1142, 14.1001
YIQ	116.0780, 62.3950, 31.1230

Conversions

Conversions Part 2

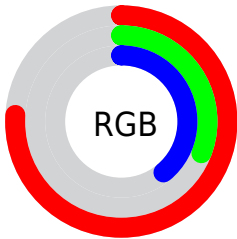
Format	Color
R_{YB}	195, 79, 100
Decimal	12799844
CIE Lab	49.63, 48.23, 11.98
CIE LCh	50, 49.691, 13.948
Yxy	18.1142, 0.4615, 0.3028
Android (android.graphics.Color)	4290989924 (0xFFC34F64)
YUV	116.0780, -7.9265, 69.2146
Hunter-Lab	42.5608, 41.3067, 10.1501

Details

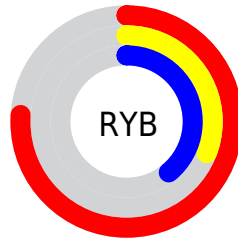
The Yxy color **18.1142, 0.4615, 0.3028** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted rose. A complement of this color would be **43.7608, 0.2510, 0.3616**, and the grayscale version is **17.4993, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.2694, 0.4260, 0.3107**, and **6.1210, 0.5245, 0.2854** is the 20% darker color. If you saturate the color by 10%, you get **15.4238, 0.5026, 0.3016**, and if you desaturate by 10%, it is **21.6922, 0.4243, 0.3060**.

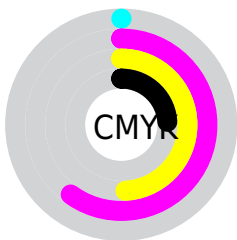
Distribution



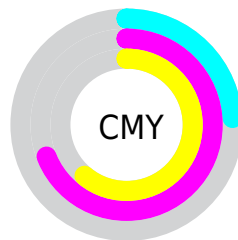
- Red (76%)
- Green (31%)
- Blue (39%)



- Red (76%)
- Yellow (31%)
- Blue (39%)



- Cyan (0%)
- Magenta (60%)
- Yellow (49%)
- Black (24%)





- Cyan (24%)
- Magenta (69%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 18.1142, 0.4615, 0.3028 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 18.1142, 0.4615, 0.3028 by changing the saturation by 10% instead.


 18.1142, 0.4615,
0.3028


 18.1142, 0.4615,
0.3028


241.5139, 0.3752,
0.3205


 11.0320, 0.4877,
0.2961


 40.2318, 0.4268,
0.3107


 6.0884, 0.5245,
0.2858

 56.0360, 0.4149,
0.3132

 2.8989, 0.5790,
0.2685

 75.5164, 0.4051,
0.3151

 1.0792, 0.6842,
0.2429

 99.0573, 0.3971,
0.3166

 0.0000, 1.0000,
0.0000

 127.0431, 0.3903,
0.3179

 0.0000, 0.0000,
0.0000

159.8582, 0.3845,

0.3189

197.8870, 0.3795,
0.3198

■ 18.1142, 0.4615,
0.3028

■ 18.1142, 0.4615,
0.3028

■ 15.4238, 0.5026,
0.3016

■ 21.6922, 0.4243,
0.3060

■ 13.5400, 0.5444,
0.3031

■ 26.2237, 0.3923,
0.3103

■ 12.3720, 0.5822,
0.3079

■ 31.7717, 0.3657,
0.3152

■ 11.7552, 0.6117,
0.3148

■ 38.3928, 0.3440,
0.3201

■ 11.7295, 0.6130,
0.3151

■ 46.1398, 0.3263,
0.3248

■ 55.0615, 0.3121,
0.3292

■ 65.2044, 0.3005,
0.3333

■ 76.6119, 0.2912,
0.3370

■ 89.3257, 0.2835,
0.3404

Harmonies

Analogous

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



18.1142, 0.3744, 0.2467



18.1142, 0.4615, 0.3028



18.1142, 0.4987, 0.3670

Triad

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



18.1142, 0.4615, 0.3028



18.1142, 0.3231, 0.5021



18.1142, 0.1654, 0.2020

Complementary

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



18.1142, 0.4615, 0.3028



43.7608, 0.2510, 0.3616

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.



18.1142, 0.1564, 0.2468



18.1142, 0.4615, 0.3028



18.1142, 0.2390, 0.4378

Square

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



18.1142, 0.4615, 0.3028



18.1142, 0.4091, 0.4901



18.1142, 0.1800, 0.3317



18.1142, 0.2056, 0.1910

Rectangle

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



18.1142, 0.4615, 0.3028



18.1142, 0.4889, 0.4116



18.1142, 0.1800, 0.3317



18.1142, 0.1590, 0.2128

Sweetspot

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



18.1152, 0.4615, 0.3028



70.3284, 0.3416, 0.3207



18.5007, 0.2941, 0.1811



14.5701, 0.3474, 0.3192



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.



18.1152, 0.4615, 0.3028



26.6066, 0.5135, 0.3017



24.5984, 0.4616, 0.3768



10.1070, 0.3261, 0.3249



7.6300, 0.6101, 0.3135



0.3390, 0.5510, 0.2809

Inverse Universe

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



18.1152, 0.4615, 0.3028



26.6066, 0.5135, 0.3017



30.1522, 0.2271, 0.2701



10.1070, 0.3261, 0.3249



7.6300, 0.6101, 0.3135



0.3390, 0.5510, 0.2809

Previews

White Background



This preview shows how the Yxy color 18.1142, 0.4615, 0.3028 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 18.1142, 0.4615, 0.3028 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

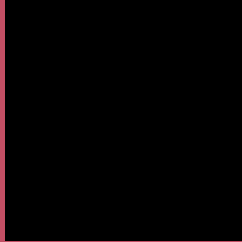
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 18.1142, 0.4615, 0.3028

Background



This preview shows how black text looks on a background with the Yxy color 18.1142, 0.4615, 0.3028.



This preview shows how white text looks on a background with the Yxy color 18.1142, 0.4615, 0.3028.

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

18.1142, 0.4615, 0.3028

Protanopia

18.3060, 0.3129, 0.3252

Deuteranopia

18.2641, 0.3698, 0.3638



Tritanopia

18.0423, 0.4803, 0.3220

Trichromacy



Original Color

18.1142, 0.4615, 0.3028

Protanomaly

17.2959, 0.3619, 0.3135

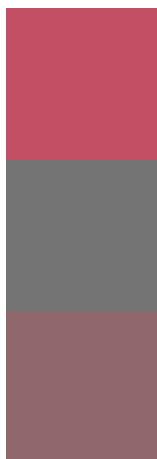
Deuteranomaly

17.5414, 0.4041, 0.3358

Tritanomaly

17.9794, 0.4729, 0.3143

Monochromacy



Original Color

18.1142, 0.4615, 0.3028

Achromatopsia

17.4647, 0.3127, 0.3290

Achromatomaly

16.8460, 0.3638, 0.3168

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.1142, 0.4615, 0.3028 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(195, 79, 100)` looks like.

```
.text, #text, p{  
  color:rgb(195, 79, 100)  
}
```

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(195, 79, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 79, 100) }
```

Border

The CSS property to change the border of an element to Yxy 18.1142, 0.4615, 0.3028 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(195, 79, 100) }
```

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

```
.border{ border-color:rgb(195, 79, 100) }
```

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

Here you see how a box with a 4 pixel rgb(195, 79, 100) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 79, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 79, 100);  
box-shadow:4px 4px 4px 4px rgb(195, 79,  
100) }
```


Background

The CSS property to change the background color of an element to Yxy 18.1142, 0.4615, 0.3028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 79, 100) }
```

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

```
.background{ background-color: rgb(195, 79,  
100) }
```

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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