

Converting Colors

$Y_{xy}(18.0363, 0.4902, 0.3120)$

Have a look what the booklet for
Yxy(18.0363, 0.4902, 0.3120)
contains.

Yxy(18.0363, 0.4902, 0.3120)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(18.0363, 0.4902, 0.3120)

Conversions

Conversions Part 1

Format	Color
Hex	C94A59
RGB	201, 74, 89
RGB Percent	79%, 29%, 35%
CMY	0.2118, 0.7097, 0.6511
CMYK	0.00, 0.63, 0.56, 0.21
HSL	353°, 54%, 54%
HSV	353°, 63%, 79%
XYZ	28.3378, 18.0363, 11.4346
YIQ	113.6830, 70.8770, 31.5890

Conversions

Conversions Part 2

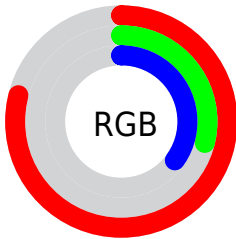
Format	Color
R_{YB}	201, 74, 89
Decimal	13191769
CIE Lab	49.54, 51.52, 18.64
CIE LCh	50, 54.793, 19.890
Yxy	18.0363, 0.4902, 0.3120
Android (android.graphics.Color)	4291381849 (0xFFC94A59)
YUV	113.6830, -12.1687, 76.5770
Hunter-Lab	42.4692, 44.7841, 13.7650

Details

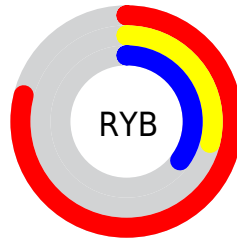
The Yxy color **18.0363, 0.4902, 0.3120** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted red. A complement of this color would be **46.7740, 0.2447, 0.3513**, and the grayscale version is **16.7498, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.5624, 0.4423, 0.3181**, and **6.0182, 0.5628, 0.2938** is the 20% darker color. If you saturate the color by 10%, you get **15.5054, 0.5347, 0.3123**, and if you desaturate by 10%, it is **21.4980, 0.4481, 0.3134**.

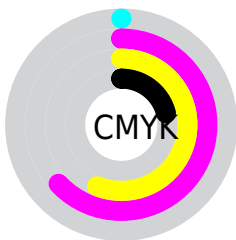
Distribution



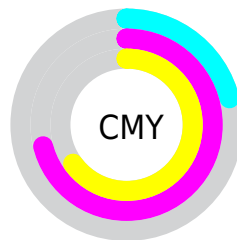
- Red (79%)
- Green (29%)
- Blue (35%)



- Red (79%)
- Yellow (29%)
- Blue (35%)



- Cyan (0%)
- Magenta (63%)
- Yellow (56%)
- Black (21%)



- Cyan (21%)
- Magenta (71%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 18.0363, 0.4902, 0.3120 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 18.0363, 0.4902, 0.3120 by changing the saturation by 10% instead.


 18.0363, 0.4902,
0.3120


 18.0363, 0.4902,
0.3120


241.0756, 0.3874,
0.3264


 10.9761, 0.5209,
0.3054


 40.0992, 0.4491,
0.3192


 6.0507, 0.5633,
0.2945

 55.8706, 0.4348,
0.3212


 2.8760, 0.6240,
0.2751

 75.3145, 0.4232,
0.3227

 1.0673, 0.7504,
0.2496

 98.8153, 0.4136,
0.3238

 0.0000, 1.0000,
0.0000


 126.7575, 0.4054,
0.3247

 0.0000, 0.0000,
0.0000


159.5253, 0.3985,


0.3254


197.5032, 0.3926,
0.3259


 18.0363, 0.4902,
0.3120


 18.0363, 0.4902,
0.3120


 15.5054, 0.5347,
0.3123


 21.4980, 0.4481,
0.3134


 13.8122, 0.5767,
0.3148


 25.9662, 0.4111,
0.3159

 12.8494, 0.6102,
0.3193

 31.5119, 0.3800,
0.3189

 12.4815, 0.6264,
0.3225

 38.1992, 0.3545,
0.3220

 46.0869, 0.3339,
0.3252

■ 55.2299, 0.3173,
0.3281

■ 65.6797, 0.3039,
0.3308

■ 77.4849, 0.2931,
0.3333

■ 90.6915, 0.2844,
0.3356

Harmonies

Analogous

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



18.0363, 0.4017, 0.2502



18.0363, 0.4902, 0.3120



18.0363, 0.5156, 0.3811

Triad

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



18.0363, 0.4902, 0.3120



18.0363, 0.3025, 0.5152



18.0363, 0.1596, 0.1863

Complementary

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



18.0363, 0.4902, 0.3120



46.7740, 0.2447, 0.3513

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.



18.0363, 0.1434, 0.2251



18.0363, 0.4902, 0.3120



18.0363, 0.2154, 0.4279

Square

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



18.0363, 0.4902, 0.3120



18.0363, 0.3972, 0.5129



18.0363, 0.1603, 0.3085



18.0363, 0.2089, 0.1814

Rectangle

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



18.0363, 0.4902, 0.3120



18.0363, 0.4952, 0.4293



18.0363, 0.1603, 0.3085



18.0363, 0.1507, 0.1950

Sweetspot

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



18.0373, 0.4902, 0.3120



70.4345, 0.3459, 0.3233



19.3147, 0.2997, 0.1766



14.2707, 0.3522, 0.3224



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.



18.0373, 0.4902, 0.3120



25.2596, 0.5516, 0.3130



26.4829, 0.4688, 0.3867



10.6569, 0.3271, 0.3263



7.8555, 0.6241, 0.3212



0.3789, 0.5810, 0.2974

Inverse Universe

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



18.0373, 0.4902, 0.3120



25.2596, 0.5516, 0.3130



28.9285, 0.2203, 0.2550



10.6569, 0.3271, 0.3263



7.8555, 0.6241, 0.3212



0.3789, 0.5810, 0.2974

Previews

White Background



This preview shows how the Yxy color 18.0363, 0.4902, 0.3120 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 18.0363, 0.4902, 0.3120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

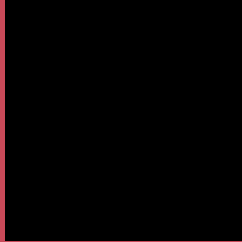
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 18.0363, 0.4902, 0.3120

Background



This preview shows how black text looks on a background with the Yxy color 18.0363, 0.4902, 0.3120.



This preview shows how white text looks on a background with the Yxy color 18.0363, 0.4902, 0.3120.

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

18.0363, 0.4902, 0.3120

Protanopia

18.2936, 0.3287, 0.3444

Deuteranopia

18.0975, 0.3905, 0.3830



Tritanopia

18.1656, 0.5030, 0.3250

Trichromacy



Original Color

18.0363, 0.4902, 0.3120

Protanomaly

17.0414, 0.3847, 0.3292

Deuteranomaly

17.3661, 0.4293, 0.3515

Tritanomaly

18.0742, 0.4991, 0.3203

Monochromacy



Original Color

18.0363, 0.4902, 0.3120

Achromatopsia

16.8269, 0.3127, 0.3290

Achromatomaly

16.0546, 0.3744, 0.3186

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.0363, 0.4902, 0.3120 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(201, 74, 89)` looks like.

```
.text, #text, p{  
    color:rgb(201, 74, 89)  
}
```

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(201, 74, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 74, 89) }
```

Border

The CSS property to change the border of an element to Yxy 18.0363, 0.4902, 0.3120 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(201, 74, 89) }
```

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

```
.border{ border-color:rgb(201, 74, 89) }
```

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

Here you see how a box with a 4 pixel rgb(201, 74, 89) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 74, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 74, 89);  
box-shadow:4px 4px 4px 4px rgb(201, 74,  
89) }
```


Background

The CSS property to change the background color of an element to Yxy 18.0363, 0.4902, 0.3120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 74, 89) }
```

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

```
.background{ background-color: rgb(201, 74,  
89) }
```

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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