

Converting Colors

$Y_{xy}(18.3791, 0.4424, 0.3142)$

Have a look what the booklet for
Yxy(18.3791, 0.4424, 0.3142)
contains.

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Color

Yxy(18.3791, 0.4424, 0.3142)

Conversions

Conversions Part 1

Format	Color
Hex	B95964
RGB	185, 89, 100
RGB Percent	73%, 35%, 39%
CMY	0.2745, 0.6509, 0.6079
CMYK	0.00, 0.52, 0.46, 0.27
HSL	353°, 41%, 54%
HSV	353°, 52%, 73%
XYZ	25.8781, 18.3791, 14.2377
YIQ	118.9580, 53.6850, 23.7730

Conversions

Conversions Part 2

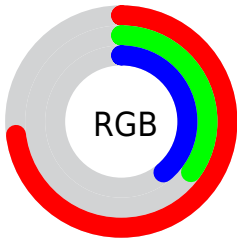
Format	Color
R _Y B	185, 89, 100
Decimal	12147044
CIE Lab	49.95, 39.79, 12.20
CIE LCh	50, 41.616, 17.045
Yxy	18.3791, 0.4424, 0.3142
Android (android.graphics.Color)	4290337124 (0xFFB95964)
YUV	118.9580, -9.3463, 57.9188
Hunter-Lab	42.8709, 32.7240, 10.3190

Details

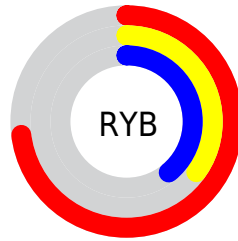
The Yxy color **18.3791, 0.4424, 0.3142** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **39.8750, 0.2527, 0.3461**, and the grayscale version is **18.4522, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.8135, 0.4114, 0.3194**, and **6.2418, 0.4967, 0.3022** is the 20% darker color. If you saturate the color by 10%, you get **15.3920, 0.4837, 0.3127**, and if you desaturate by 10%, it is **22.2054, 0.4063, 0.3167**.

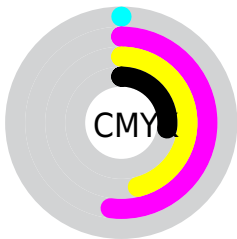
Distribution



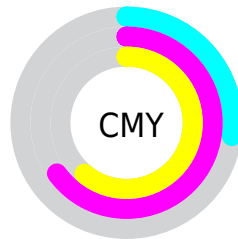
- Red (73%)
- Green (35%)
- Blue (39%)



- Red (73%)
- Yellow (35%)
- Blue (39%)



- Cyan (0%)
- Magenta (52%)
- Yellow (46%)
- Black (27%)





- Cyan (27%)
- Magenta (65%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 18.3791, 0.4424, 0.3142 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 18.3791, 0.4424, 0.3142 by changing the saturation by 10% instead.


 18.3791, 0.4424,
0.3142

 18.3791, 0.4424,
0.3142


242.9992, 0.3671,
0.3250

 11.2225, 0.4655,
0.3097


 40.6822, 0.4121,
0.3193

 6.2167, 0.4980,
0.3025


 56.5976, 0.4016,
0.3208

 2.9773, 0.5467,
0.2898

 76.2013, 0.3931,
0.3219

 1.1199, 0.6439,
0.2719

 99.8778, 0.3861,
0.3228

 0.0000, 1.0000,
0.0000

128.0114, 0.3802,
0.3236

 0.0000, 0.0000,
0.0000

160.9866, 0.3752,

0.3241

199.1878, 0.3709,
0.3246

■ 18.3791, 0.4424,
0.3142

■ 18.3791, 0.4424,
0.3142

■ 15.3920, 0.4837,
0.3127

■ 22.2054, 0.4063,
0.3167

■ 13.1784, 0.5280,
0.3127

■ 26.9246, 0.3761,
0.3196

■ 11.6673, 0.5707,
0.3147

■ 32.5891, 0.3514,
0.3227

■ 10.7734, 0.6058,
0.3188

■ 39.2467, 0.3315,
0.3257

■ 10.3678, 0.6262,
0.3223

■ 46.9418, 0.3154,
0.3285

■ 55.7160, 0.3024,
0.3311

■ 65.6088, 0.2919,
0.3335

■ 76.6577, 0.2834,
0.3356

■ 88.5757, 0.2763,
0.3370

Harmonies

Analogous

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



18.3791, 0.3734, 0.2633



18.3791, 0.4424, 0.3142



18.3791, 0.4697, 0.3715

Triad

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



18.3791, 0.4424, 0.3142



18.3791, 0.3166, 0.4679



18.3791, 0.1878, 0.2184

Complementary

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



18.3791, 0.4424, 0.3142



39.8750, 0.2527, 0.3461

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.



18.3791, 0.1772, 0.2556



18.3791, 0.4424, 0.3142



18.3791, 0.2454, 0.4096

Square

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



18.3791, 0.4424, 0.3142



18.3791, 0.3908, 0.4689



18.3791, 0.1961, 0.3244



18.3791, 0.2267, 0.2102

Rectangle

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



18.3791, 0.4424, 0.3142



18.3791, 0.4601, 0.4098



18.3791, 0.1961, 0.3244



18.3791, 0.1811, 0.2273

Sweetspot

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



18.3801, 0.4424, 0.3142



64.8519, 0.3397, 0.3244



19.6243, 0.3051, 0.2013



13.4602, 0.3438, 0.3238



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



18.3801, 0.4424, 0.3142



27.0542, 0.4887, 0.3126



25.9064, 0.4297, 0.3806



9.0285, 0.3270, 0.3264



7.0661, 0.6241, 0.3212



0.2546, 0.5739, 0.2935

Inverse Universe

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



18.3801, 0.4424, 0.3142



27.0542, 0.4887, 0.3126



26.8693, 0.2345, 0.2681



9.0285, 0.3270, 0.3264



7.0661, 0.6241, 0.3212



0.2546, 0.5739, 0.2935

Previews

White Background



This preview shows how the Yxy color 18.3791, 0.4424, 0.3142 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 18.3791, 0.4424, 0.3142 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 18.3791, 0.4424, 0.3142

Background



This preview shows how black text looks on a background with the Yxy color 18.3791, 0.4424, 0.3142.



This preview shows how white text looks on a background with the Yxy color 18.3791, 0.4424, 0.3142.

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

18.3791, 0.4424, 0.3142

Protanopia

18.5690, 0.3212, 0.3367

Deuteranopia

18.5950, 0.3693, 0.3636



Tritanopia

18.4711, 0.4481, 0.3211

Trichromacy



Original Color

18.3791, 0.4424, 0.3142

Protanomaly

17.8707, 0.3618, 0.3256

Deuteranomaly

18.2391, 0.3968, 0.3442

Tritanomaly

18.4897, 0.4465, 0.3197

Monochromacy



Original Color

18.3791, 0.4424, 0.3142

Achromatopsia

18.4475, 0.3127, 0.3290

Achromatomaly

17.7346, 0.3562, 0.3220

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.3791, 0.4424, 0.3142 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(185, 89, 100)` looks like.

```
.text, #text, p{  
  color:rgb(185, 89, 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(185, 89, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 89, 100) }
```

Border

The CSS property to change the border of an element to Yxy 18.3791, 0.4424, 0.3142 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(185, 89, 100) }
```

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

```
.border{ border-color:rgb(185, 89, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 89, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 89, 100); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 89, 100); box-shadow:4px 4px 4px 4px rgb(185, 89, 100) }
```


Background

The CSS property to change the background color of an element to Yxy 18.3791, 0.4424, 0.3142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 89, 100) }
```

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

```
.background{ background-color: rgb(185, 89,  
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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