

Converting Colors

$Y_{xy}(18.1948, 0.4242, 0.3175)$

Have a look what the booklet for
Yxy(18.1948, 0.4242, 0.3175)
contains.

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Color

Yxy(18.1948, 0.4242, 0.3175)

Conversions

Conversions Part 1

Format	Color
Hex	B05E66
RGB	176, 94, 102
RGB Percent	69%, 37%, 40%
CMY	0.3097, 0.6314, 0.6000
CMYK	0.00, 0.47, 0.42, 0.31
HSL	354°, 34%, 53%
HSV	354°, 47%, 69%
XYZ	24.3094, 18.1948, 14.8023
YIQ	119.4300, 46.3040, 19.8720

Conversions

Conversions Part 2

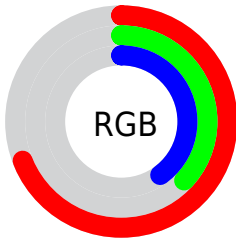
Format	Color
R_{YB}	176, 94, 102
Decimal	11558502
CIE _{Lab}	49.73, 34.06, 10.49
CIE _{LCh}	50, 35.636, 17.124
Yxy	18.1948, 0.4242, 0.3175
Android (android.graphics.Color)	4289748582 (0xFFB05E66)
YUV	119.4300, -8.5930, 49.6119
Hunter-Lab	42.6554, 27.0807, 9.2839

Details

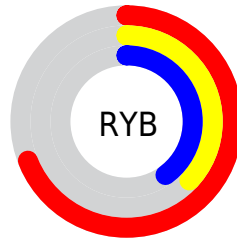
The Yxy color **18.1948, 0.4242, 0.3175** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **36.2660, 0.2565, 0.3418**, and the grayscale version is **18.6081, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.3501, 0.3978, 0.3213**, and **6.1457, 0.4728, 0.3100** is the 20% darker color. If you saturate the color by 10%, you get **15.1290, 0.4634, 0.3158**, and if you desaturate by 10%, it is **22.0366, 0.3908, 0.3198**.

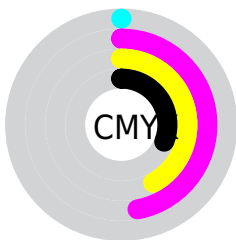
Distribution



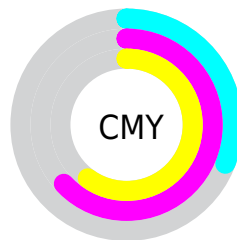
- Red (69%)
- Green (37%)
- Blue (40%)



- Red (69%)
- Yellow (37%)
- Blue (40%)



- Cyan (0%)
- Magenta (47%)
- Yellow (42%)
- Black (31%)





- Cyan (31%)
- Magenta (63%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 18.1948, 0.4242, 0.3175 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 18.1948, 0.4242, 0.3175 by changing the saturation by 10% instead.


 18.1948, 0.4242,
0.3175


 18.1948, 0.4242,
0.3175


241.9668, 0.3593,
0.3259


 11.0899, 0.4443,
0.3140


 40.3690, 0.3980,
0.3214


 6.1274, 0.4728,
0.3084

 56.2071, 0.3890,
0.3226

 2.9227, 0.5162,
0.2983

 75.7251, 0.3817,
0.3235

 1.0915, 0.6021,
0.2837

 99.3073, 0.3756,
0.3242

 0.0000, 1.0000,
0.0000

127.3382, 0.3706,
0.3247

 0.0000, 0.0000,
0.0000

160.2021, 0.3663,

0.3252

198.2835, 0.3625,
0.3256

■ 18.1948, 0.4242,
0.3175

■ 18.1948, 0.4242,
0.3175

■ 15.1290, 0.4634,
0.3158

■ 22.0366, 0.3908,
0.3198

■ 12.7839, 0.5071,
0.3151

■ 26.6993, 0.3631,
0.3224

■ 11.1010, 0.5516,
0.3159


■ 32.2277, 0.3407,
0.3250


■ 10.0119, 0.5914,
0.3186

■ 38.6627, 0.3227,
0.3275

■ 9.4227, 0.6207,
0.3227


■ 46.0424, 0.3081,
0.3298

 9.2738, 0.6284,
0.3235

 54.4027, 0.2964,
0.3319

 63.7777, 0.2868,
0.3338

 74.2000, 0.2791,
0.3355

 85.7005, 0.2726,
0.3371

Harmonies

Analogous

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



18.1948, 0.3655, 0.2718



18.1948, 0.4242, 0.3175



18.1948, 0.4483, 0.3687

Triad

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



18.1948, 0.4242, 0.3175



18.1948, 0.3175, 0.4464



18.1948, 0.2029, 0.2325

Complementary

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



18.1948, 0.4242, 0.3175



36.2660, 0.2565, 0.3418

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.



18.1948, 0.1935, 0.2663



18.1948, 0.4242, 0.3175



18.1948, 0.2550, 0.3972

Square

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



18.1948, 0.4242, 0.3175



18.1948, 0.3821, 0.4502



18.1948, 0.2110, 0.3260



18.1948, 0.2379, 0.2245

Rectangle

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



18.1948, 0.4242, 0.3175



18.1948, 0.4410, 0.4021



18.1948, 0.2110, 0.3260



18.1948, 0.1969, 0.2408

Sweetspot

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



18.1957, 0.4242, 0.3175



61.0351, 0.3361, 0.3256



19.4441, 0.3080, 0.2142



12.7219, 0.3402, 0.3251



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



18.1957, 0.4242, 0.3175



27.2483, 0.4650, 0.3157



25.1685, 0.4125, 0.3776



8.5183, 0.3272, 0.3268



6.8067, 0.6268, 0.3226



0.2185, 0.5795, 0.2966

Inverse Universe

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



18.1957, 0.4242, 0.3175



27.2483, 0.4650, 0.3157



25.2224, 0.2417, 0.2732



8.5183, 0.3272, 0.3268



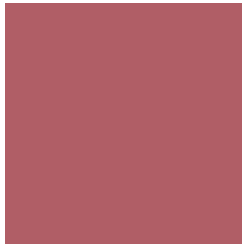
6.8067, 0.6268, 0.3226



0.2185, 0.5795, 0.2966

Previews

White Background



This preview shows how the Yxy color 18.1948, 0.4242, 0.3175 looks on a white background.

Color Contrast Check

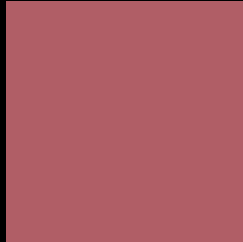
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.1948, 0.4242, 0.3175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

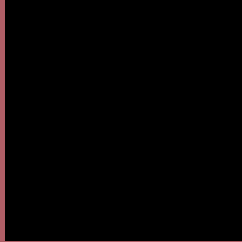
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 18.1948, 0.4242, 0.3175

Background



This preview shows how black text looks on a background with the Yxy color 18.1948, 0.4242, 0.3175.



This preview shows how white text looks on a background with the Yxy color 18.1948, 0.4242, 0.3175.

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

18.1948, 0.4242, 0.3175

Protanopia

18.3322, 0.3214, 0.3348

Deuteranopia

18.2538, 0.3631, 0.3566



Tritanopia

18.1751, 0.4257, 0.3190

Trichromacy



Original Color

18.1948, 0.4242, 0.3175

Protanomaly

17.8139, 0.3572, 0.3274

Deuteranomaly

18.0148, 0.3849, 0.3412

Tritanomaly

18.1751, 0.4257, 0.3190

Monochromacy



Original Color

18.1948, 0.4242, 0.3175

Achromatopsia

18.4475, 0.3127, 0.3290

Achromatomaly

17.9196, 0.3500, 0.3237

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.1948, 0.4242, 0.3175 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(176, 94, 102)` looks like.

```
.text, #text, p{  
    color:rgb(176, 94, 102)  
}
```

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(176, 94, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 94, 102) }
```

Border

The CSS property to change the border of an element to Yxy 18.1948, 0.4242, 0.3175 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(176, 94, 102) }
```

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

```
.border{ border-color:rgb(176, 94, 102) }
```

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

Here you see how a box with a 4 pixel rgb(176, 94, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 94, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 94, 102);  
box-shadow:4px 4px 4px 4px rgb(176, 94,  
102) }
```


Background

The CSS property to change the background color of an element to Yxy 18.1948, 0.4242, 0.3175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 94, 102) }
```

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

```
.background{ background-color: rgb(176, 94,  
102) }
```

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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