

Converting Colors

$Yxy(48.1910, 0.3142, 0.3153)$

Have a look what the booklet for
Yxy(48.1910, 0.3142, 0.3153)
contains.

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Color

Yxy(48.1910, 0.3142, 0.3153)

Conversions

Conversions Part 1

Format	Color
Hex	C1B5C0
RGB	193, 181, 192
RGB Percent	76%, 71%, 75%
CMY	0.2433, 0.2901, 0.2471
CMYK	0.00, 0.06, 0.01, 0.24
HSL	305°, 9%, 73%
HSV	305°, 6%, 76%
XYZ	48.0229, 48.1910, 56.6279
YIQ	185.8420, 3.6210, 5.9650

Conversions

Conversions Part 2

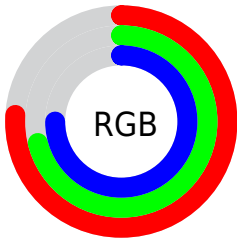
Format	Color
R _Y B	193, 181, 192
Decimal	12694976
CIE Lab	74.95, 6.23, -4.04
CIE LCh	75, 7.423, 327.070
Yxy	48.1910, 0.3142, 0.3153
Android (android.graphics.Color)	4290885056 (0xFFC1B5C0)
YUV	185.8420, 3.0359, 6.2776
Hunter-Lab	69.4197, 1.9974, 0.2291

Details

The Yxy color **48.1910, 0.3142, 0.3153** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.3301, 0.3113, 0.3431**, and the grayscale version is **48.9896, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.4854, 0.3139, 0.3182**, and **22.7914, 0.3136, 0.3104** is the 20% darker color. If you saturate the color by 10%, you get **40.8101, 0.3168, 0.2926**, and if you desaturate by 10%, it is **56.6638, 0.3119, 0.3372**.

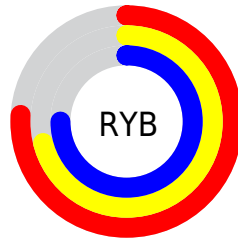
Distribution



Red (76%)

Green (71%)

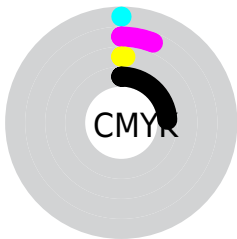
Blue (75%)



Red (76%)

Yellow (71%)

Blue (75%)

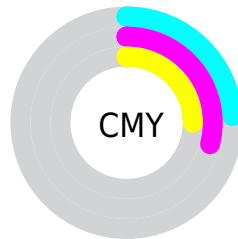


Cyan (0%)

Magenta (6%)

Yellow (1%)

Black (24%)



Cyan (24%)


Magenta (29%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.1910, 0.3142, 0.3153 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 48.1910, 0.3142, 0.3153 by changing the saturation by 10% instead.


 48.1910, 0.3142,
0.3153

 48.1910, 0.3142,
0.3153

379.5487, 0.3135,
0.3221

 33.9782, 0.3144,
0.3136


 87.4887, 0.3140,
0.3177

 22.8768, 0.3146,
0.3115


113.3424, 0.3139,
0.3187

 14.5026, 0.3148,
0.3088

143.8451, 0.3138,
0.3194

 8.4710, 0.3152,
0.3049

179.3813, 0.3137,
0.3201

 4.3978, 0.3157,
0.2993

220.3354, 0.3136,
0.3207

 1.8985, 0.3164,
0.2903

267.0917, 0.3136,

 0.5475, 0.3205,

0.3212

0.2609

320.0347, 0.3135,
0.3217

0.0000, 0.0000,
0.0000

48.1910, 0.3142,
0.3153

48.1910, 0.3142,
0.3153

40.8101, 0.3168,
0.2926

56.6638, 0.3119,
0.3372

34.4705, 0.3197,
0.2696

66.2640, 0.3098,
0.3580

29.1267, 0.3228,
0.2470

77.0334, 0.3080,
0.3773

24.7276, 0.3261,
0.2257

86.9478, 0.3065,
0.3920

21.2175, 0.3295,
0.2066

87.0221, 0.3057,
0.3902

■ 18.5350, 0.3329,
0.1906

■ 87.0972, 0.3048,
0.3884

■ 16.6106, 0.3361,
0.1785

■ 87.1730, 0.3039,
0.3865

■ 15.3639, 0.3392,
0.1707

■ 87.2497, 0.3031,
0.3847

■ 14.6914, 0.3419,
0.1671

■ 87.3271, 0.3022,
0.3828

Harmonies

Analogous

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



48.1910, 0.3040, 0.3118



48.1910, 0.3142, 0.3153



48.1910, 0.3241, 0.3224

Triad

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



48.1910, 0.3142, 0.3153



48.1910, 0.3293, 0.3454



48.1910, 0.2948, 0.3264

Complementary

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



48.1910, 0.3142, 0.3153



51.3301, 0.3113, 0.3431

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.



48.1910, 0.3013, 0.3357



48.1910, 0.3142, 0.3153



48.1910, 0.3212, 0.3469

Square

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



48.1910, 0.3142, 0.3153



48.1910, 0.3329, 0.3396



48.1910, 0.3110, 0.3433



48.1910, 0.2930, 0.3179

Rectangle

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



48.1910, 0.3142, 0.3153



48.1910, 0.3292, 0.3282



48.1910, 0.3110, 0.3433



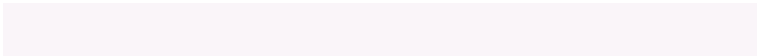
48.1910, 0.2965, 0.3295

Sweetspot

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



48.1931, 0.3142, 0.3153



92.4210, 0.3132, 0.3246



46.8260, 0.3041, 0.3136



19.8604, 0.3132, 0.3248



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



48.1931, 0.3142, 0.3153



85.0536, 0.3144, 0.3133



47.9417, 0.3188, 0.3225



10.5546, 0.3145, 0.3124



9.6584, 0.3426, 0.1661



0.4216, 0.3373, 0.1632

Inverse Universe

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



48.1931, 0.3142, 0.3153



85.0536, 0.3144, 0.3133



51.5743, 0.3070, 0.3356



10.5546, 0.3145, 0.3124



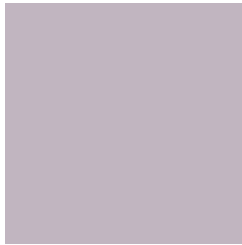
9.6584, 0.3426, 0.1661



0.4216, 0.3373, 0.1632

Previews

White Background



This preview shows how the Yxy color 48.1910, 0.3142, 0.3153 looks on a white background.

Color Contrast Check

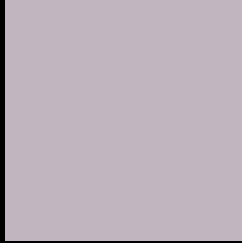
Large Text (above 18pt) WCAG AA × Fail

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 48.1910, 0.3142, 0.3153 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 ✓ Pass

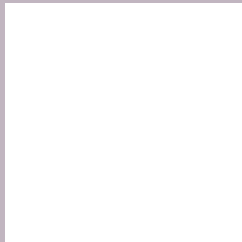
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.1910, 0.3142, 0.3153

Background



This preview shows how black text looks on a background with the Yxy color 48.1910, 0.3142, 0.3153.



This preview shows how white text looks on a background with the Yxy color 48.1910, 0.3142, 0.3153.

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

48.1910, 0.3142, 0.3153

Protanopia

48.0315, 0.3066, 0.3163

Deuteranopia

48.1881, 0.3195, 0.3130



Tritanopia

48.3253, 0.3118, 0.3116

Trichromacy



Original Color

48.1910, 0.3142, 0.3153

Protanomaly

47.9975, 0.3092, 0.3151

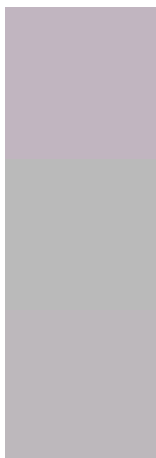
Deuteranomaly

48.3186, 0.3177, 0.3142

Tritanomaly

48.2802, 0.3126, 0.3128

Monochromacy



Original Color

48.1910, 0.3142, 0.3153

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

48.7306, 0.3138, 0.3239

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.1910, 0.3142, 0.3153 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(193, 181, 192)` looks like.

```
.text, #text, p{  
    color:rgb(193, 181, 192)  
}
```

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(193, 181, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 181, 192) }
```

Border

The CSS property to change the border of an element to Yxy 48.1910, 0.3142, 0.3153 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(193, 181, 192) }
```

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

```
.border{ border-color:rgb(193, 181, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 181, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 181, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 181, 192);  
box-shadow:4px 4px 4px 4px rgb(193, 181,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 48.1910, 0.3142, 0.3153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 181, 192) }
```

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

```
.background{ background-color: rgb(193,  
181, 192) }
```

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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