

Converting Colors

Yxy(50.4944, 0.3070, 0.3117)

Have a look what the booklet for
Yxy(50.4944, 0.3070, 0.3117)
contains.

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Color

Yxy(50.4944, 0.3070, 0.3117)

Conversions

Conversions Part 1

Format	Color
Hex	C0BAC8
RGB	192, 186, 200
RGB Percent	75%, 73%, 78%
CMY	0.2468, 0.2706, 0.2157
CMYK	0.04, 0.07, 0.00, 0.22
HSL	266°, 11%, 76%
HSV	266°, 7%, 78%
XYZ	49.7330, 50.4944, 61.7694
YIQ	189.3900, -0.9180, 5.6260

Conversions

Conversions Part 2

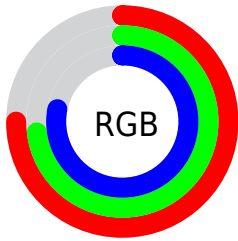
Format	Color
R_{YB}	192, 186, 200
Decimal	12630728
CIE _{Lab}	76.37, 4.75, -6.30
CIE _{LCh}	76, 7.895, 307.023
Yxy	50.4944, 0.3070, 0.3117
Android (android.graphics.Color)	4290820808 (0xFFC0BAC8)
YUV	189.3900, 5.2307, 2.2890
Hunter-Lab	71.0594, 0.5745, -1.7971

Details

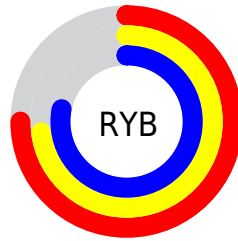
The Yxy color **50.4944, 0.3070, 0.3117** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.3146, 0.3181, 0.3462**, and the grayscale version is **51.0988, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.6807, 0.3088, 0.3164**, and **24.3393, 0.3059, 0.3074** is the 20% darker color. If you saturate the color by 10%, you get **41.2277, 0.2977, 0.2851**, and if you desaturate by 10%, it is **61.0588, 0.3150, 0.3360**.

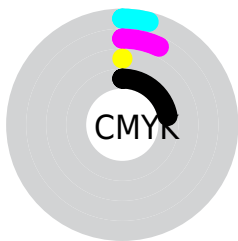
Distribution



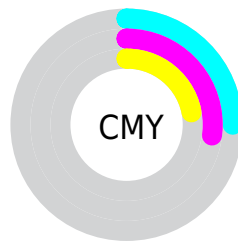
- Red (75%)
- Green (73%)
- Blue (78%)



- Red (75%)
- Yellow (73%)
- Blue (78%)



- Cyan (4%)
- Magenta (7%)
- Yellow (0%)
- Black (22%)



- Cyan (25%)
- Magenta (27%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.4944, 0.3070, 0.3117 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 50.4944, 0.3070, 0.3117 by changing the saturation by 10% instead.

■ 50.4944, 0.3070,
0.3117

■ 50.4944, 0.3070,
0.3117

388.5962, 0.3099,
0.3202

■ 35.8064, 0.3063,
0.3096

■ 90.9070, 0.3080,
0.3147

■ 24.2847, 0.3054,
0.3070

117.4003, 0.3084,
0.3159

■ 15.5450, 0.3042,
0.3036

148.5976, 0.3088,
0.3169

■ 9.2027, 0.3025,
0.2990

184.8831, 0.3090,
0.3177

■ 4.8737, 0.3000,
0.2922

226.6414, 0.3093,
0.3184

■ 2.1733, 0.2959,
0.2815

274.2567, 0.3095,

■ 0.7054, 0.2890,

0.3191

0.2592

328.1135, 0.3097,
0.3197

0.0000, 0.0000,
0.0000

50.4944, 0.3070,
0.3117

50.4944, 0.3070,
0.3117

41.2277, 0.2977,
0.2851

61.0588, 0.3150,
0.3360

33.2011, 0.2870,
0.2565

72.9629, 0.3217,
0.3580

26.3619, 0.2749,
0.2265

86.2546, 0.3274,
0.3777

20.6513, 0.2615,
0.1960

93.7653, 0.3337,
0.3851

16.0050, 0.2472,
0.1662

95.7836, 0.3412,
0.3838

■ 12.3522, 0.2325,
0.1388

■ 96.9502, 0.3454,
0.3830

■ 9.6133, 0.2181,
0.1154

■ 7.6955, 0.2046,
0.0972

■ 6.4746, 0.1928,
0.0849

Harmonies

Analogous

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



50.4944, 0.2978, 0.3110



50.4944, 0.3070, 0.3117



50.4944, 0.3179, 0.3168

Triad

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



50.4944, 0.3070, 0.3117



50.4944, 0.3332, 0.3426



50.4944, 0.2981, 0.3329

Complementary

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



50.4944, 0.3070, 0.3117



56.3146, 0.3181, 0.3462

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.



50.4944, 0.3073, 0.3417



50.4944, 0.3070, 0.3117



50.4944, 0.3277, 0.3473

Square

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



50.4944, 0.3070, 0.3117



50.4944, 0.3332, 0.3344



50.4944, 0.3182, 0.3470



50.4944, 0.2927, 0.3231

Rectangle

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



50.4944, 0.3070, 0.3117



50.4944, 0.3246, 0.3220



50.4944, 0.3182, 0.3470



50.4944, 0.3008, 0.3361

Sweetspot

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



50.4966, 0.3070, 0.3117



96.2449, 0.3111, 0.3241



53.2637, 0.3020, 0.3217



20.6397, 0.3112, 0.3244



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.



50.4966, 0.3070, 0.3117



85.5401, 0.3060, 0.3089



51.4021, 0.3125, 0.3120



10.5083, 0.3049, 0.3056



3.9791, 0.1909, 0.0825



0.2310, 0.2150, 0.0958

Inverse Universe

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



51.2841, 0.3182, 0.3193



87.1118, 0.3192, 0.3178



55.4386, 0.3128, 0.3465



10.7360, 0.3203, 0.3160



8.5894, 0.4661, 0.2341



0.4211, 0.4278, 0.2131

Previews

White Background



This preview shows how the Yxy color 50.4944, 0.3070, 0.3117 looks on a white background.

Color Contrast Check

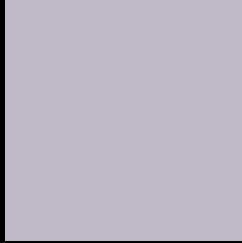
Large Text (above 18pt) WCAG AA × Fail

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 50.4944, 0.3070, 0.3117 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

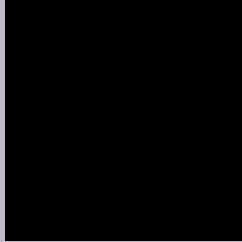
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

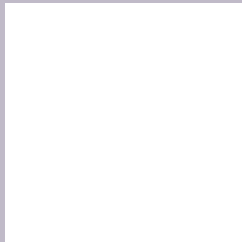
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.4944, 0.3070, 0.3117

Background



This preview shows how black text looks on a background with the Yxy color 50.4944, 0.3070, 0.3117.

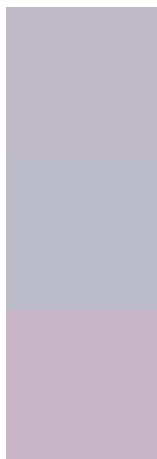


This preview shows how white text looks on a background with the Yxy color 50.4944, 0.3070, 0.3117.

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

50.4944, 0.3070, 0.3117

Protanopia

50.4491, 0.3030, 0.3116

Deuteranopia

50.5015, 0.3137, 0.3073



Tritanopia

50.5413, 0.3062, 0.3105

Trichromacy



Original Color

50.4944, 0.3070, 0.3117

Protanomaly

50.5765, 0.3038, 0.3116

Deuteranomaly

50.5038, 0.3112, 0.3083

Tritanomaly

50.5413, 0.3062, 0.3105

Monochromacy



Original Color

50.4944, 0.3070, 0.3117

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

50.7638, 0.3105, 0.3228

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.4944, 0.3070, 0.3117 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(192, 186, 200)` looks like.

```
.text, #text, p{  
    color:rgb(192, 186, 200)  
}
```

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(192, 186, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 186, 200) }
```

Border

The CSS property to change the border of an element to Yxy 50.4944, 0.3070, 0.3117 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(192, 186, 200) }
```

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

```
.border{ border-color:rgb(192, 186, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 186, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 186, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 186, 200);  
box-shadow:4px 4px 4px 4px rgb(192, 186,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 50.4944, 0.3070, 0.3117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 186, 200) }
```

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

```
.background{ background-color: rgb(192,  
186, 200) }
```

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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