

Converting Colors

Yxy(50.5706, 0.3249, 0.3183)

Have a look what the booklet for
Yxy(50.5706, 0.3249, 0.3183)
contains.

Yxy(50.6519, 0.3243, 0.3182)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(50.6519, 0.3243, 0.3182)

Conversions

Conversions Part 1

Format	Color
Hex	CDB7C0
RGB	205, 183, 192
RGB Percent	80%, 72%, 75%
CMY	0.1961, 0.2823, 0.2472
CMYK	0.00, 0.11, 0.06, 0.20
HSL	336°, 18%, 76%
HSV	336°, 11%, 80%
XYZ	51.6229, 50.6519, 56.9078
YIQ	190.6040, 10.2230, 7.4630

Conversions

Conversions Part 2

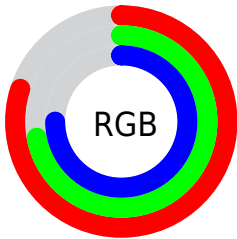
Format	Color
R_{YB}	205, 183, 192
Decimal	13481920
CIE Lab	76.47, 9.38, -1.67
CIE LCh	76, 9.529, 349.877
Yxy	50.6519, 0.3243, 0.3182
Android (android.graphics.Color)	4291672000 (0xFFCDB7C0)
YUV	190.6040, 0.6882, 12.6253
Hunter-Lab	71.1701, 4.9263, 2.4107

Details

The Yxy color **50.6519, 0.3243, 0.3182** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.7205, 0.3024, 0.3401**, and the grayscale version is **51.8513, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.7703, 0.3177, 0.3203**, and **24.4087, 0.3273, 0.3145** is the 20% darker color. If you saturate the color by 10%, you get **42.2874, 0.3375, 0.3075**, and if you desaturate by 10%, it is **60.2970, 0.3134, 0.3283**.

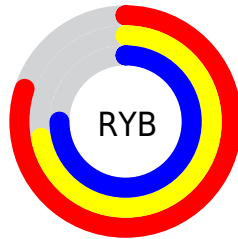
Distribution



Red (80%)

Green (72%)

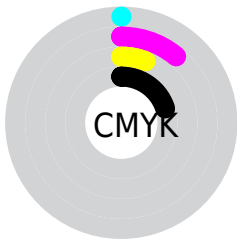
Blue (75%)



Red (80%)

Yellow (72%)

Blue (75%)

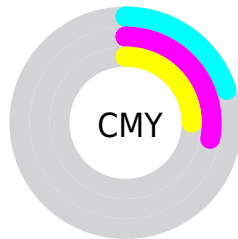


Cyan (0%)

Magenta (11%)

Yellow (6%)

Black (20%)



Cyan (20%)


Magenta (28%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.6519, 0.3243, 0.3182 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 50.6519, 0.3243, 0.3182 by changing the saturation by 10% instead.


 50.6519, 0.3243,
0.3182

 50.6519, 0.3243,
0.3182


389.2098, 0.3186,
0.3235

 35.9317, 0.3257,
0.3169


 91.1400, 0.3223,
0.3201

 24.3814, 0.3275,
0.3153


117.6767, 0.3215,
0.3208

 15.6168, 0.3298,
0.3131


148.9209, 0.3208,
0.3214

 9.2534, 0.3330,
0.3102

185.2571, 0.3203,
0.3220

 4.9068, 0.3377,
0.3059

227.0698, 0.3198,
0.3224

 2.1927, 0.3453,
0.2990

274.7431, 0.3193,

 0.7160, 0.3611,

0.3228

0.2837

328.6617, 0.3189,
0.3232

0.0000, 0.0000,
0.0000

50.6519, 0.3243,
0.3182

50.6519, 0.3243,
0.3182

42.2874, 0.3375,
0.3075

60.2970, 0.3134,
0.3283

35.1428, 0.3535,
0.2966

71.2669, 0.3045,
0.3377

29.1622, 0.3727,
0.2857

83.6118, 0.2972,
0.3463

24.2830, 0.3953,
0.2756

90.8242, 0.2908,
0.3441

20.4365, 0.4212,
0.2674

91.5728, 0.2844,
0.3313

■ 17.5461, 0.4500,
0.2621

■ 91.7198, 0.2833,
0.3289

■ 15.5246, 0.4803,
0.2610

■ 14.2683, 0.5103,
0.2651

■ 13.6128, 0.5365,
0.2729

Harmonies

Analogous

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



50.6519, 0.3114, 0.3103



50.6519, 0.3243, 0.3182



50.6519, 0.3342, 0.3290

Triad

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



50.6519, 0.3243, 0.3182



50.6519, 0.3263, 0.3518



50.6519, 0.2878, 0.3172

Complementary

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



50.6519, 0.3243, 0.3182



57.7205, 0.3024, 0.3401

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.



50.6519, 0.2916, 0.3285



50.6519, 0.3243, 0.3182



50.6519, 0.3137, 0.3488

Square

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



50.6519, 0.3243, 0.3182



50.6519, 0.3353, 0.3484



50.6519, 0.3010, 0.3402



50.6519, 0.2905, 0.3095

Rectangle

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



50.6519, 0.3243, 0.3182



50.6519, 0.3377, 0.3365



50.6519, 0.3010, 0.3402



50.6519, 0.2884, 0.3207

Sweetspot

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



50.6541, 0.3243, 0.3182



94.9273, 0.3158, 0.3260



49.9920, 0.3064, 0.3022



20.0354, 0.3166, 0.3252



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.



50.6541, 0.3243, 0.3182



79.4418, 0.3273, 0.3157



51.0300, 0.3314, 0.3313



11.2882, 0.3227, 0.3196



8.4918, 0.5328, 0.2709



0.4530, 0.4817, 0.2427

Inverse Universe

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



50.6541, 0.3243, 0.3182



79.4418, 0.3273, 0.3157



57.2692, 0.2963, 0.3267



11.2882, 0.3227, 0.3196



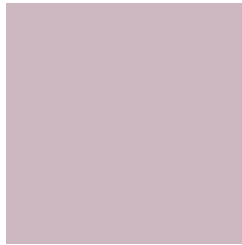
8.4918, 0.5328, 0.2709



0.4530, 0.4817, 0.2427

Previews

White Background



This preview shows how the Yxy color 50.6519, 0.3243, 0.3182 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 50.6519, 0.3243, 0.3182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

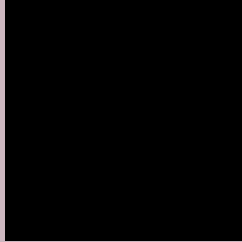
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.6519, 0.3243, 0.3182

Background



This preview shows how black text looks on a background with the Yxy color 50.6519, 0.3243, 0.3182.



This preview shows how white text looks on a background with the Yxy color 50.6519, 0.3243, 0.3182.

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

50.6519, 0.3243, 0.3182

Protanopia

50.8537, 0.3090, 0.3203

Deuteranopia

50.6519, 0.3243, 0.3182



Tritanopia

50.6089, 0.3212, 0.3110

Trichromacy



Original Color

50.6519, 0.3243, 0.3182

Protanomaly

50.6150, 0.3140, 0.3191

Deuteranomaly

50.6519, 0.3243, 0.3182

Tritanomaly

50.5178, 0.3228, 0.3134

Monochromacy



Original Color

50.6519, 0.3243, 0.3182

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

51.4638, 0.3170, 0.3253

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.6519, 0.3243, 0.3182 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(205, 183, 192)` looks like.

```
.text, #text, p{  
    color:rgb(205, 183, 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(205, 183, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 183, 192) }
```

Border

The CSS property to change the border of an element to Yxy 50.6519, 0.3243, 0.3182 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(205, 183, 192) }
```

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

```
.border{ border-color:rgb(205, 183, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 183, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 183, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 183, 192);  
box-shadow:4px 4px 4px 4px rgb(205, 183,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 50.6519, 0.3243, 0.3182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 183, 192) }
```

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

```
.background{ background-color: rgb(205,  
183, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor