

Converting Colors

$Y_{xy}(48.4835, 0.3129, 0.2951)$

Have a look what the booklet for
Yxy(48.4835, 0.3129, 0.2951)
contains.

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Color

Yxy(48.5486, 0.3126, 0.2954)

Conversions

Conversions Part 1

Format	Color
Hex	CBB1CD
RGB	203, 177, 205
RGB Percent	80%, 69%, 80%
CMY	0.2038, 0.3059, 0.1960
CMYK	0.01, 0.14, 0.00, 0.20
HSL	296°, 22%, 75%
HSV	296°, 14%, 80%
XYZ	51.3754, 48.5486, 64.4247
YIQ	187.9660, 6.5080, 14.2200

Conversions

Conversions Part 2

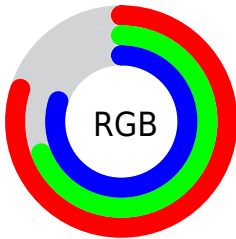
Format	Color
R_{YB}	203, 177, 205
Decimal	13349325
CIE _{Lab}	75.17, 14.32, -10.71
CIE _{LCh}	75, 17.887, 323.199
Yxy	48.5486, 0.3126, 0.2954
Android (android.graphics.Color)	4291539405 (0xFFCBB1CD)
YUV	187.9660, 8.3978, 13.1848
Hunter-Lab	69.6768, 9.6805, -6.0470

Details

The Yxy color $48.5486, 0.3126, 0.2954$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $56.4217, 0.3125, 0.3647$, and the grayscale version is $50.2203, 0.3127, 0.3290$.

A 20% lighter version of the original color is $86.7578, 0.3137, 0.3078$, and $23.0392, 0.3124, 0.2858$ is the 20% darker color. If you saturate the color by 10%, you get $40.8486, 0.3123, 0.2701$, and if you desaturate by 10%, it is $57.4713, 0.3127, 0.3202$.

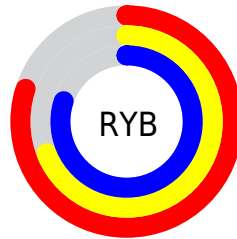
Distribution



Red (80%)

Green (69%)

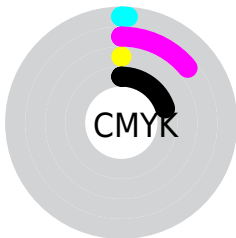
Blue (80%)



Red (80%)

Yellow (69%)

Blue (80%)

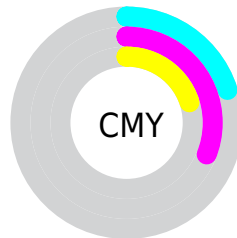


Cyan (1%)

Magenta (14%)

Yellow (0%)

Black (20%)



Cyan (20%)


Magenta (31%)

Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.5486, 0.3126, 0.2954 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 48.5486, 0.3126, 0.2954 by changing the saturation by 10% instead.


 48.5486, 0.3126,
0.2954

 48.5486, 0.3126,
0.2954


380.9625, 0.3128,
0.3117

 34.2615, 0.3125,
0.2915


 88.0207, 0.3127,
0.3012

 23.0946, 0.3123,
0.2866


113.9744, 0.3128,
0.3034

 14.6634, 0.3121,
0.2802


144.5859, 0.3128,
0.3053

 8.5835, 0.3116,
0.2715

180.2395, 0.3128,
0.3069

 4.4705, 0.3108,
0.2591

221.3195, 0.3128,
0.3083

 1.9401, 0.3091,
0.2400

268.2105, 0.3128,

 0.5723, 0.3086,

0.3096

0.1974

321.2967, 0.3128,
0.3107

0.0000, 0.0000,
0.0000

48.5486, 0.3126,
0.2954

48.5486, 0.3126,
0.2954

40.8486, 0.3123,
0.2701

57.4713, 0.3127,
0.3202

34.3109, 0.3118,
0.2450

67.6610, 0.3127,
0.3439

28.8794, 0.3111,
0.2209

79.1678, 0.3125,
0.3661

24.4910, 0.3101,
0.1989

89.4588, 0.3125,
0.3828

21.0761, 0.3089,
0.1798

89.6712, 0.3134,
0.3827

■ 18.5566, 0.3075,
0.1646

■ 89.8857, 0.3143,
0.3826

■ 16.8427, 0.3059,
0.1536

■ 90.1020, 0.3152,
0.3824

■ 15.8255, 0.3042,
0.1470

■ 90.3203, 0.3161,
0.3823

■ 15.4186, 0.3031,
0.1443

■ 90.5406, 0.3171,
0.3821

Harmonies

Analogous

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



48.5486, 0.2889, 0.2882



48.5486, 0.3126, 0.2954



48.5486, 0.3372, 0.3107

Triad

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



48.5486, 0.3126, 0.2954



48.5486, 0.3544, 0.3669



48.5486, 0.2716, 0.3249

Complementary

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



48.5486, 0.3126, 0.2954



56.4217, 0.3125, 0.3647

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.



48.5486, 0.2880, 0.3481



48.5486, 0.3126, 0.2954



48.5486, 0.3357, 0.3729

Square

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



48.5486, 0.3126, 0.2954



48.5486, 0.3618, 0.3511



48.5486, 0.3113, 0.3661



48.5486, 0.2660, 0.3040

Rectangle

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



48.5486, 0.3126, 0.2954



48.5486, 0.3505, 0.3238



48.5486, 0.3113, 0.3661



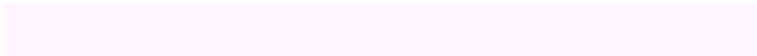
48.5486, 0.2760, 0.3327

Sweetspot

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



48.5507, 0.3126, 0.2954



93.5271, 0.3127, 0.3192



46.1275, 0.2911, 0.2962



19.7663, 0.3127, 0.3174



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.



48.5507, 0.3126, 0.2954



76.1306, 0.3125, 0.2890



48.2881, 0.3238, 0.3092



11.3618, 0.3127, 0.3061



9.6153, 0.3034, 0.1445



0.5084, 0.3070, 0.1465

Inverse Universe

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



47.6767, 0.3359, 0.3266



74.4688, 0.3411, 0.3262



56.6726, 0.3030, 0.3496



11.2263, 0.3279, 0.3274



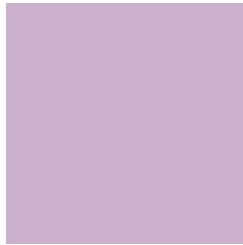
8.1059, 0.6316, 0.3253



0.4228, 0.6045, 0.3104

Previews

White Background



This preview shows how the Yxy color 48.5486, 0.3126, 0.2954 looks on a white background.

Color Contrast Check

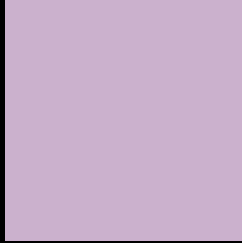
Large Text (above 18pt) WCAG AA × Fail

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 48.5486, 0.3126, 0.2954 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

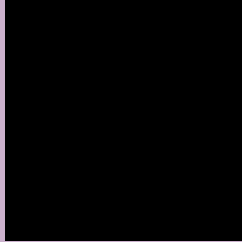
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.5486, 0.3126, 0.2954

Background



This preview shows how black text looks on a background with the Yxy color 48.5486, 0.3126, 0.2954.



This preview shows how white text looks on a background with the Yxy color 48.5486, 0.3126, 0.2954.

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

48.5486, 0.3126, 0.2954

Protanopia

48.7082, 0.2916, 0.2977

Deuteranopia

48.4715, 0.3057, 0.2995



Tritanopia

48.5080, 0.3204, 0.3119

Trichromacy



Original Color

48.5486, 0.3126, 0.2954

Protanomaly

48.4206, 0.2986, 0.2957

Deuteranomaly

48.4701, 0.3082, 0.2985

Tritanomaly

48.4286, 0.3181, 0.3059

Monochromacy



Original Color

48.5486, 0.3126, 0.2954

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

49.5135, 0.3125, 0.3166

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.5486, 0.3126, 0.2954 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(203, 177, 205)` looks like.

```
.text, #text, p{  
    color:rgb(203, 177, 205)  
}
```

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(203, 177, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 177, 205) }
```

Border

The CSS property to change the border of an element to Yxy 48.5486, 0.3126, 0.2954 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(203, 177, 205) }
```

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

```
.border{ border-color:rgb(203, 177, 205) }
```

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

Here you see how a box with a 4 pixel rgb(203, 177, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 177, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 177, 205);  
box-shadow:4px 4px 4px 4px rgb(203, 177,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 48.5486, 0.3126, 0.2954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 177, 205) }
```

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

```
.background{ background-color: rgb(203,  
177, 205) }
```

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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