

Converting Colors

$Y_{xy}(49.5071, 0.3293, 0.3194)$

Have a look what the booklet for
Yxy(49.5071, 0.3293, 0.3194)
contains.

Yxy(49.5388, 0.3296, 0.3194)	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(49.5388, 0.3296, 0.3194)

Conversions

Conversions Part 1

Format	Color
Hex	CFB4BC
RGB	207, 180, 188
RGB Percent	81%, 71%, 74%
CMY	0.1884, 0.2940, 0.2628
CMYK	0.00, 0.13, 0.09, 0.19
HSL	342°, 22%, 76%
HSV	342°, 13%, 81%
XYZ	51.1208, 49.5388, 54.4399
YIQ	188.9850, 13.5240, 8.2120

Conversions

Conversions Part 2

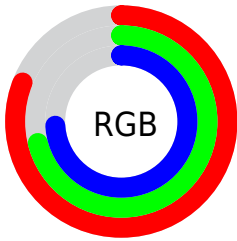
Format	Color
R _Y B	207, 180, 188
Decimal	13612220
CIE Lab	75.79, 10.99, -0.49
CIE LCh	76, 11.006, 357.458
Yxy	49.5388, 0.3296, 0.3194
Android (android.graphics.Color)	4291802300 (0xFFCFB4BC)
YUV	188.9850, -0.4856, 15.7992
Hunter-Lab	70.3838, 6.4756, 3.4095

Details

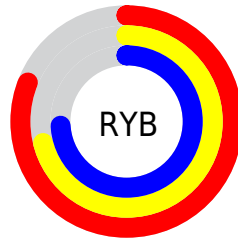
The Yxy color $49.5388, 0.3296, 0.3194$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $58.4338, 0.2983, 0.3388$, and the grayscale version is $50.8756, 0.3127, 0.3290$.

A 20% lighter version of the original color is $87.7826, 0.3204, 0.3212$, and $23.6034, 0.3336, 0.3161$ is the 20% darker color. If you saturate the color by 10%, you get $41.2012, 0.3460, 0.3115$, and if you desaturate by 10%, it is $59.1919, 0.3162, 0.3269$.

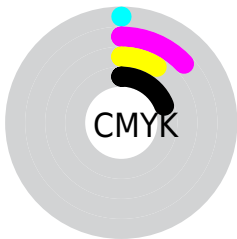
Distribution



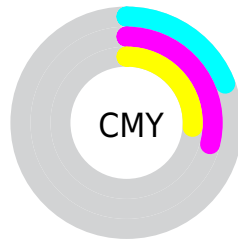
- Red (81%)
- Green (71%)
- Blue (74%)



- Red (81%)
- Yellow (71%)
- Blue (74%)



- Cyan (0%)
- Magenta (13%)
- Yellow (9%)
- Black (19%)





- Cyan (19%)
- Magenta (29%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.5388, 0.3296, 0.3194 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 49.5388, 0.3296, 0.3194 by changing the saturation by 10% instead.

 49.5388, 0.3296,
0.3194

 49.5388, 0.3296,
0.3194


384.8596, 0.3212,
0.3242

 35.0471, 0.3317,
0.3182


 89.4912, 0.3266,
0.3211

 23.6991, 0.3343,
0.3167


115.7206, 0.3254,
0.3218

 15.1106, 0.3378,
0.3148


146.6314, 0.3245,
0.3223

 8.8970, 0.3426,
0.3120

182.6080, 0.3237,
0.3228

 4.6741, 0.3497,
0.3080

224.0347, 0.3229,
0.3232

 2.0573, 0.3613,
0.3015

271.2959, 0.3223,

 0.6405, 0.3901,

0.3236

0.2847

324.7761, 0.3217,
0.3239

0.0000, 0.0000,
0.0000

49.5388, 0.3296,
0.3194

49.5388, 0.3296,
0.3194

41.2012, 0.3460,
0.3115

59.1919, 0.3162,
0.3269

34.1156, 0.3660,
0.3035

70.2073, 0.3054,
0.3338

28.2228, 0.3902,
0.2957

82.6377, 0.2965,
0.3401

23.4567, 0.4189,
0.2888

91.4501, 0.2889,
0.3380

19.7443, 0.4518,
0.2837

91.9993, 0.2843,
0.3289

■ 17.0039, 0.4877,
0.2816

■ 15.1421, 0.5245,
0.2836

■ 14.0462, 0.5586,
0.2902

■ 13.5989, 0.5796,
0.2966

Harmonies

Analogous

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



49.5388, 0.3150, 0.3092



49.5388, 0.3296, 0.3194



49.5388, 0.3397, 0.3322

Triad

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



49.5388, 0.3296, 0.3194



49.5388, 0.3250, 0.3554



49.5388, 0.2839, 0.3125

Complementary

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



49.5388, 0.3296, 0.3194



58.4338, 0.2983, 0.3388

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.



49.5388, 0.2864, 0.3248



49.5388, 0.3296, 0.3194



49.5388, 0.3099, 0.3501

Square

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



49.5388, 0.3296, 0.3194



49.5388, 0.3369, 0.3532



49.5388, 0.2959, 0.3387



49.5388, 0.2888, 0.3050

Rectangle

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



49.5388, 0.3296, 0.3194



49.5388, 0.3425, 0.3407



49.5388, 0.2959, 0.3387



49.5388, 0.2839, 0.3162

Sweetspot

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



49.5410, 0.3296, 0.3194



93.2099, 0.3175, 0.3261



49.2793, 0.3075, 0.2965



19.6860, 0.3184, 0.3256



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.



49.5410, 0.3296, 0.3194



74.9605, 0.3345, 0.3169



51.4246, 0.3354, 0.3356



11.8650, 0.3245, 0.3221



8.5864, 0.5760, 0.2947



0.4940, 0.5228, 0.2654

Inverse Universe

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



49.5410, 0.3296, 0.3194



74.9605, 0.3345, 0.3169



56.2485, 0.2928, 0.3223



11.8650, 0.3245, 0.3221



8.5864, 0.5760, 0.2947



0.4940, 0.5228, 0.2654

Previews

White Background



This preview shows how the Yxy color 49.5388, 0.3296, 0.3194 looks on a white background.

Color Contrast Check

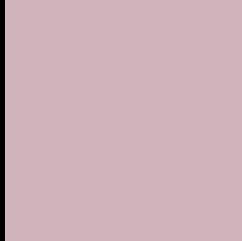
Large Text (above 18pt) WCAG AA × Fail

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 49.5388, 0.3296, 0.3194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

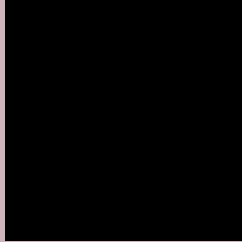
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.5388, 0.3296, 0.3194

Background



This preview shows how black text looks on a background with the Yxy color 49.5388, 0.3296, 0.3194.



This preview shows how white text looks on a background with the Yxy color 49.5388, 0.3296, 0.3194.

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

49.5388, 0.3296, 0.3194

Protanopia

49.6982, 0.3114, 0.3227

Deuteranopia

49.5160, 0.3269, 0.3205



Tritanopia

49.5004, 0.3265, 0.3122

Trichromacy



Original Color

49.5388, 0.3296, 0.3194

Protanomaly

49.7344, 0.3181, 0.3216

Deuteranomaly

49.6577, 0.3278, 0.3205

Tritanomaly

49.4117, 0.3281, 0.3146

Monochromacy



Original Color

49.5388, 0.3296, 0.3194

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

50.5277, 0.3187, 0.3253

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.5388, 0.3296, 0.3194 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(207, 180, 188)` looks like.

```
.text, #text, p{  
    color:rgb(207, 180, 188)  
}
```

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(207, 180, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 180, 188) }
```

Border

The CSS property to change the border of an element to Yxy 49.5388, 0.3296, 0.3194 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(207, 180, 188) }
```

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

```
.border{ border-color:rgb(207, 180, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 180, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 180, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 180, 188);  
box-shadow:4px 4px 4px 4px rgb(207, 180,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 49.5388, 0.3296, 0.3194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 180, 188) }
```

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

```
.background{ background-color: rgb(207,  
180, 188) }
```

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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