

Converting Colors

$Yxy(49.5167, 0.3230, 0.3121)$

Have a look what the booklet for
Yxy(49.5167, 0.3230, 0.3121)
contains.

Yxy(49.5167, 0.3230, 0.3121)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(49.5167, 0.3230, 0.3121)

Conversions

Conversions Part 1

Format	Color
Hex	CDB4C2
RGB	205, 180, 194
RGB Percent	80%, 71%, 76%
CMY	0.1959, 0.2942, 0.2392
CMYK	0.00, 0.12, 0.05, 0.20
HSL	326°, 20%, 75%
HSV	326°, 12%, 80%
XYZ	51.2461, 49.5167, 57.8938
YIQ	189.0710, 10.4060, 9.6540

Conversions

Conversions Part 2

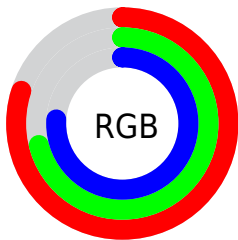
Format	Color
R _Y B	205, 180, 194
Decimal	13481154
CIE Lab	75.77, 11.39, -3.80
CIE LCh	76, 12.003, 341.543
Yxy	49.5167, 0.3230, 0.3121
Android (android.graphics.Color)	4291671234 (0xFFCDB4C2)
YUV	189.0710, 2.4300, 13.9697
Hunter-Lab	70.3681, 6.8497, 0.4782

Details

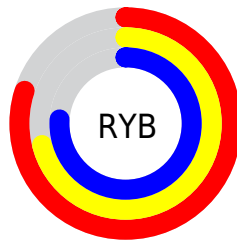
The Yxy color $49.5167, 0.3230, 0.3121$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $57.1532, 0.3036, 0.3465$, and the grayscale version is $50.9170, 0.3127, 0.3290$.

A 20% lighter version of the original color is $88.1530, 0.3167, 0.3155$, and $23.6515, 0.3267, 0.3080$ is the 20% darker color. If you saturate the color by 10%, you get $41.4498, 0.3333, 0.2976$, and if you desaturate by 10%, it is $58.8374, 0.3144, 0.3260$.

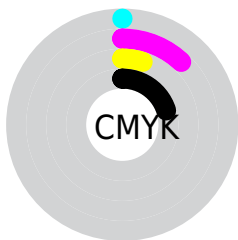
Distribution



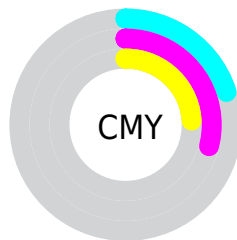
- Red (80%)
- Green (71%)
- Blue (76%)



- Red (80%)
- Yellow (71%)
- Blue (76%)



- Cyan (0%)
- Magenta (12%)
- Yellow (5%)
- Black (20%)





- Cyan (20%)
- Magenta (29%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.5167, 0.3230, 0.3121 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 49.5167, 0.3230, 0.3121 by changing the saturation by 10% instead.


 49.5167, 0.3230,
0.3121

 49.5167, 0.3230,
0.3121

384.7729, 0.3180,
0.3204

 35.0295, 0.3242,
0.3101

 89.4584, 0.3212,
0.3151

 23.6856, 0.3258,
0.3075


115.6817, 0.3205,
0.3162

 15.1006, 0.3278,
0.3042

146.5858, 0.3199,
0.3171

 8.8900, 0.3306,
0.2996

182.5552, 0.3194,
0.3180

 4.6695, 0.3347,
0.2930

223.9742, 0.3190,
0.3187

 2.0547, 0.3412,
0.2825

271.2272, 0.3186,

 0.6390, 0.3563,

0.3193

0.2570

324.6987, 0.3183,
0.3199

0.0000, 0.0000,
0.0000

49.5167, 0.3230,
0.3121

49.5167, 0.3230,
0.3121

41.4498, 0.3333,
0.2976

58.8374, 0.3144,
0.3260

34.5761, 0.3454,
0.2827

69.4560, 0.3073,
0.3391

28.8399, 0.3597,
0.2682

81.4227, 0.3014,
0.3512

24.1782, 0.3761,
0.2547

90.2295, 0.2964,
0.3553

20.5220, 0.3946,
0.2433

90.7514, 0.2915,
0.3456

■ 17.7942, 0.4146,
0.2352

■ 91.3001, 0.2868,
0.3359

■ 15.9062, 0.4356,
0.2316

■ 91.7267, 0.2833,
0.3289

■ 14.7521, 0.4564,
0.2333

■ 14.2157, 0.4723,
0.2376

Harmonies

Analogous

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



49.5167, 0.3063, 0.3036



49.5167, 0.3230, 0.3121



49.5167, 0.3372, 0.3249

Triad

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



49.5167, 0.3230, 0.3121



49.5167, 0.3337, 0.3575



49.5167, 0.2818, 0.3176

Complementary

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



49.5167, 0.3230, 0.3121



57.1532, 0.3036, 0.3465

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.



49.5167, 0.2887, 0.3325



49.5167, 0.3230, 0.3121



49.5167, 0.3185, 0.3561

Square

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



49.5167, 0.3230, 0.3121



49.5167, 0.3434, 0.3511



49.5167, 0.3020, 0.3469



49.5167, 0.2828, 0.3063

Rectangle

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



49.5167, 0.3230, 0.3121



49.5167, 0.3431, 0.3344



49.5167, 0.3020, 0.3469



49.5167, 0.2832, 0.3223

Sweetspot

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



49.5189, 0.3230, 0.3121



93.3775, 0.3159, 0.3235



48.1044, 0.3023, 0.2980



19.7284, 0.3165, 0.3225



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.



49.5189, 0.3230, 0.3121



76.9376, 0.3259, 0.3078



48.9872, 0.3332, 0.3270



11.3169, 0.3204, 0.3161



8.8641, 0.4696, 0.2360



0.4724, 0.4328, 0.2158

Inverse Universe

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



49.5189, 0.3230, 0.3121



76.9376, 0.3259, 0.3078



57.7198, 0.2953, 0.3310



11.3169, 0.3204, 0.3161



8.8641, 0.4696, 0.2360



0.4724, 0.4328, 0.2158

Previews

White Background



This preview shows how the Yxy color 49.5167, 0.3230, 0.3121 looks on a white background.

Color Contrast Check

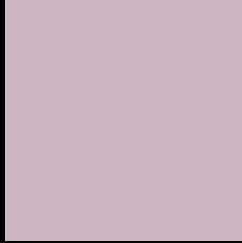
Large Text (above 18pt) WCAG AA × Fail

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 49.5167, 0.3230, 0.3121 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

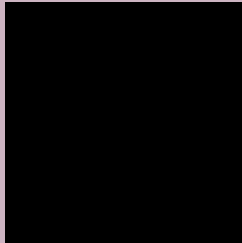
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.5167, 0.3230, 0.3121

Background



This preview shows how black text looks on a background with the Yxy color 49.5167, 0.3230, 0.3121.



This preview shows how white text looks on a background with the Yxy color 49.5167, 0.3230, 0.3121.

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

49.5167, 0.3230, 0.3121

Protanopia

49.7138, 0.3052, 0.3152

Deuteranopia

49.4993, 0.3203, 0.3132



Tritanopia

49.5167, 0.3230, 0.3121

Trichromacy



Original Color

49.5167, 0.3230, 0.3121

Protanomaly

49.7358, 0.3117, 0.3142

Deuteranomaly

49.6393, 0.3211, 0.3132

Tritanomaly

49.5167, 0.3230, 0.3121

Monochromacy



Original Color

49.5167, 0.3230, 0.3121

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

50.4815, 0.3163, 0.3228

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.5167, 0.3230, 0.3121 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, 180, 194)` looks like.

```
.text, #text, p{  
    color:rgb(205, 180, 194)  
}
```

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, 180, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 180, 194) }
```

Border

The CSS property to change the border of an element to Yxy 49.5167, 0.3230, 0.3121 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, 180, 194) }
```

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

```
.border{ border-color:rgb(205, 180, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 180, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 180, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 180, 194);  
box-shadow:4px 4px 4px 4px rgb(205, 180,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 49.5167, 0.3230, 0.3121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 180, 194) }
```

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

```
.background{ background-color: rgb(205,  
180, 194) }
```

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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