

Converting Colors

$Y_{xy}(50.2268, 0.3156, 0.3035)$

Have a look what the booklet for
Yxy(50.2268, 0.3156, 0.3035)
contains.

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Color

Yxy(50.1494, 0.3156, 0.3038)

Conversions

Conversions Part 1

Format	Color
Hex	CCB5CA
RGB	204, 181, 202
RGB Percent	80%, 71%, 79%
CMY	0.1998, 0.2902, 0.2077
CMYK	0.00, 0.11, 0.01, 0.20
HSL	305°, 18%, 75%
HSV	305°, 11%, 80%
XYZ	52.0973, 50.1494, 62.8271
YIQ	190.2710, 6.9670, 11.4070

Conversions

Conversions Part 2

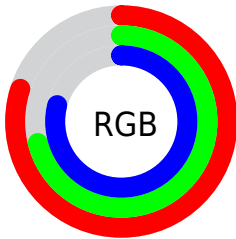
Format	Color
RYB	204, 181, 202
Decimal	13415882
CIELab	76.16, 11.95, -7.61
CIELCh	76, 14.164, 327.520
Yxy	50.1494, 0.3156, 0.3038
Android (android.graphics.Color)	4291605962 (0xFFCCB5CA)
YUV	190.2710, 5.7824, 12.0403
Hunter-Lab	70.8162, 7.3884, -3.0298

Details

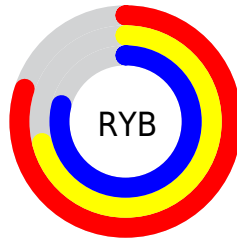
The Yxy color **50.1494, 0.3156, 0.3038** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.4473, 0.3099, 0.3556**, and the grayscale version is **51.6241, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.0484, 0.3135, 0.3117**, and **24.0605, 0.3165, 0.2970** is the 20% darker color. If you saturate the color by 10%, you get **42.3692, 0.3185, 0.2809**, and if you desaturate by 10%, it is **59.1501, 0.3130, 0.3262**.

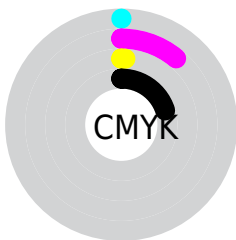
Distribution



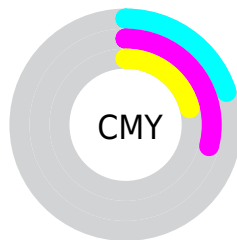
- Red (80%)
- Green (71%)
- Blue (79%)



- Red (80%)
- Yellow (71%)
- Blue (79%)



- Cyan (0%)
- Magenta (11%)
- Yellow (1%)
- Black (20%)




- Cyan (20%)
- Magenta (29%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.1494, 0.3156, 0.3038 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 50.1494, 0.3156, 0.3038 by changing the saturation by 10% instead.


 50.1494, 0.3156,
0.3038

 50.1494, 0.3156,
0.3038

387.2499, 0.3143,
0.3160

 35.5321, 0.3159,
0.3009


 90.3962, 0.3151,
0.3082

 24.0731, 0.3163,
0.2972


116.7945, 0.3150,
0.3098

 15.3878, 0.3167,
0.2923


147.8886, 0.3148,
0.3112

 9.0920, 0.3173,
0.2858

184.0629, 0.3147,
0.3124

 4.8013, 0.3180,
0.2764

225.7018, 0.3146,
0.3135

 2.1311, 0.3189,
0.2618

273.1896, 0.3145,

 0.6820, 0.3216,

0.3144


0.2324


326.9109, 0.3144,
0.3153

 0.0000, 0.0000,
0.0000

 50.1494, 0.3156,
0.3038


 50.1494, 0.3156,
0.3038


 42.3692, 0.3185,
0.2809

 59.1501, 0.3130,
0.3262

 35.7503, 0.3216,
0.2580


 69.4142, 0.3108,
0.3475


 30.2385, 0.3250,
0.2360

 80.9905, 0.3088,
0.3676

 25.7726, 0.3285,
0.2157

 88.9750, 0.3073,
0.3787

 22.2855, 0.3320,
0.1981

 89.0639, 0.3063,
0.3767

■ 19.7023, 0.3355,
0.1842

■ 89.1539, 0.3053,
0.3747

■ 17.9373, 0.3388,
0.1744

■ 89.2448, 0.3043,
0.3727

■ 16.8883, 0.3419,
0.1689

■ 89.3368, 0.3033,
0.3707

■ 16.3972, 0.3444,
0.1671

■ 89.4298, 0.3024,
0.3687

Harmonies

Analogous

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



50.1494, 0.2965, 0.2971



50.1494, 0.3156, 0.3038



50.1494, 0.3344, 0.3167

Triad

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



50.1494, 0.3156, 0.3038



50.1494, 0.3437, 0.3600



50.1494, 0.2791, 0.3234

Complementary

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



50.1494, 0.3156, 0.3038



56.4473, 0.3099, 0.3556

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.



50.1494, 0.2911, 0.3414



50.1494, 0.3156, 0.3038



50.1494, 0.3283, 0.3630

Square

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



50.1494, 0.3156, 0.3038



50.1494, 0.3509, 0.3488



50.1494, 0.3090, 0.3562



50.1494, 0.2759, 0.3077

Rectangle

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



50.1494, 0.3156, 0.3038



50.1494, 0.3440, 0.3274



50.1494, 0.3090, 0.3562



50.1494, 0.2822, 0.3294

Sweetspot

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



50.1516, 0.3156, 0.3038



95.1728, 0.3135, 0.3223



47.4604, 0.2966, 0.2999



20.1017, 0.3137, 0.3205



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.



50.1516, 0.3156, 0.3038



79.1003, 0.3164, 0.2972



49.6298, 0.3248, 0.3174



11.3862, 0.3151, 0.3081



10.3227, 0.3440, 0.1669



0.5376, 0.3390, 0.1641

Inverse Universe

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



50.1516, 0.3156, 0.3038



79.1003, 0.3164, 0.2972



56.9430, 0.3020, 0.3409



11.3862, 0.3151, 0.3081



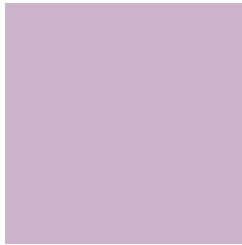
10.3227, 0.3440, 0.1669



0.5376, 0.3390, 0.1641

Previews

White Background



This preview shows how the Yxy color 50.1494, 0.3156, 0.3038 looks on a white background.

Color Contrast Check

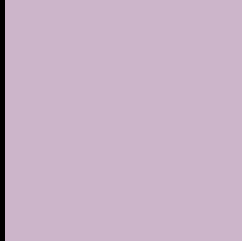
Large Text (above 18pt) WCAG AA × Fail

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 50.1494, 0.3156, 0.3038 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

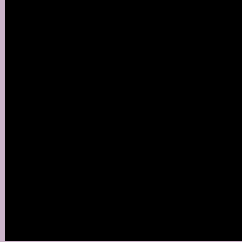
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.1494, 0.3156, 0.3038

Background



This preview shows how black text looks on a background with the Yxy color 50.1494, 0.3156, 0.3038.



This preview shows how white text looks on a background with the Yxy color 50.1494, 0.3156, 0.3038.

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

50.1494, 0.3156, 0.3038

Protanopia

50.4360, 0.2977, 0.3054

Deuteranopia

50.4106, 0.3121, 0.3060



Tritanopia

50.1379, 0.3194, 0.3121

Trichromacy



Original Color

50.1494, 0.3156, 0.3038

Protanomaly

50.4432, 0.3040, 0.3045

Deuteranomaly

50.1377, 0.3130, 0.3049

Tritanomaly

50.2296, 0.3178, 0.3097

Monochromacy



Original Color

50.1494, 0.3156, 0.3038

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.0378, 0.3139, 0.3204

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.1494, 0.3156, 0.3038 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(204, 181, 202)` looks like.

```
.text, #text, p{  
    color:rgb(204, 181, 202)  
}
```

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(204, 181, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 181, 202) }
```

Border

The CSS property to change the border of an element to Yxy 50.1494, 0.3156, 0.3038 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(204, 181, 202) }
```

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

```
.border{ border-color:rgb(204, 181, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 181, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 181, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 181, 202);  
box-shadow:4px 4px 4px 4px rgb(204, 181,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 50.1494, 0.3156, 0.3038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 181, 202) }
```

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

```
.background{ background-color: rgb(204,  
181, 202) }
```

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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