

Converting Colors

$Y_{xy}(50.2050, 0.3164, 0.3266)$

Have a look what the booklet for
Yxy(50.2050, 0.3164, 0.3266)
contains.

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Color

Yxy(50.0861, 0.3170, 0.3265)

Conversions

Conversions Part 1

Format	Color
Hex	C1BABC
RGB	193, 186, 188
RGB Percent	76%, 73%, 74%
CMY	0.2431, 0.2706, 0.2627
CMYK	0.00, 0.04, 0.03, 0.24
HSL	343°, 5%, 74%
HSV	343°, 4%, 76%
XYZ	48.6288, 50.0861, 54.6882
YIQ	188.3210, 3.5300, 2.1060

Conversions

Conversions Part 2

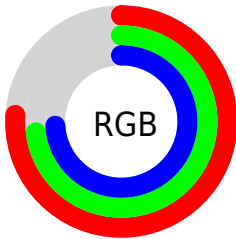
Format	Color
R _Y B	193, 186, 188
Decimal	12696252
CIE Lab	76.12, 2.83, -0.15
CIE LCh	76, 2.829, 356.995
Yxy	50.0861, 0.3170, 0.3265
Android (android.graphics.Color)	4290886332 (0xFFC1BABC)
YUV	188.3210, -0.1583, 4.1035
Hunter-Lab	70.7715, -1.1987, 3.7242

Details

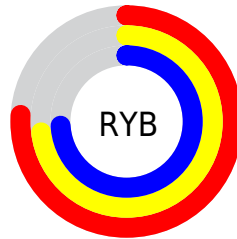
The Yxy color $50.0861, 0.3170, 0.3265$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $52.3399, 0.3086, 0.3315$, and the grayscale version is $50.4821, 0.3127, 0.3290$.

A 20% lighter version of the original color is $90.1757, 0.3161, 0.3271$, and $24.0998, 0.3186, 0.3256$ is the 20% darker color. If you saturate the color by 10%, you get $41.9325, 0.3306, 0.3193$, and if you desaturate by 10%, it is $59.3989, 0.3059, 0.3332$.

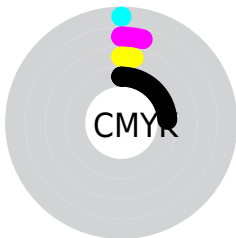
Distribution



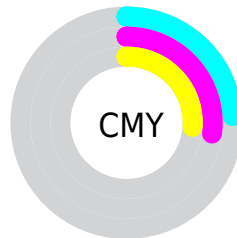
- Red (76%)
- Green (73%)
- Blue (74%)



- Red (76%)
- Yellow (73%)
- Blue (74%)



- Cyan (0%)
- Magenta (4%)
- Yellow (3%)
- Black (24%)



- Cyan (24%)
- Magenta (27%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.0861, 0.3170, 0.3265 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 50.0861, 0.3170, 0.3265 by changing the saturation by 10% instead.

■ 50.0861, 0.3170,
0.3265

■ 50.0861, 0.3170,
0.3265

■ 387.0025, 0.3149,
0.3277

■ 35.4818, 0.3175,
0.3262

■ 90.3024, 0.3162,
0.3269

■ 24.0343, 0.3182,
0.3258

■ 116.6833, 0.3160,
0.3271

■ 15.3590, 0.3191,
0.3253

■ 147.7584, 0.3157,
0.3273

■ 9.0718, 0.3203,
0.3246

■ 183.9123, 0.3155,
0.3274

■ 4.7880, 0.3221,
0.3235

■ 225.5292, 0.3153,
0.3275

■ 2.1234, 0.3250,
0.3218

■ 272.9936, 0.3152,

■ 0.6778, 0.3334,

0.3276

0.3168

326.6900, 0.3150,
0.3277

0.0000, 0.0000,
0.0000

50.0861, 0.3170,
0.3265

50.0861, 0.3170,
0.3265

41.9325, 0.3306,
0.3193

59.3989, 0.3059,
0.3332

34.8864, 0.3473,
0.3117

69.9072, 0.2969,
0.3394

28.9015, 0.3677,
0.3039

81.6537, 0.2895,
0.3451

23.9260, 0.3923,
0.2964

89.3307, 0.2828,
0.3417

19.9038, 0.4214,
0.2897

90.0772, 0.2768,
0.3289

■ 16.7730, 0.4548,
0.2850

■ 14.4644, 0.4912,
0.2831

■ 12.8986, 0.5281,
0.2854

■ 11.9801, 0.5622,
0.2921

Harmonies

Analogous

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



50.0861, 0.3133, 0.3238



50.0861, 0.3170, 0.3265



50.0861, 0.3196, 0.3299

Triad

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



50.0861, 0.3170, 0.3265



50.0861, 0.3160, 0.3357



50.0861, 0.3052, 0.3249

Complementary

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



50.0861, 0.3170, 0.3265



52.3399, 0.3086, 0.3315

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.



50.0861, 0.3059, 0.3281



50.0861, 0.3170, 0.3265



50.0861, 0.3121, 0.3343

Square

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



50.0861, 0.3170, 0.3265



50.0861, 0.3190, 0.3352



50.0861, 0.3085, 0.3316



50.0861, 0.3065, 0.3229

Rectangle

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



50.0861, 0.3170, 0.3265



50.0861, 0.3203, 0.3321



50.0861, 0.3085, 0.3316



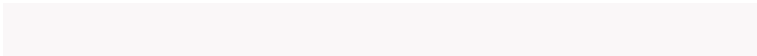
50.0861, 0.3052, 0.3259

Sweetspot

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



50.0883, 0.3170, 0.3265



93.8573, 0.3139, 0.3283



50.0332, 0.3114, 0.3203



20.1533, 0.3138, 0.3283



97.7402, 0.3127, 0.3290



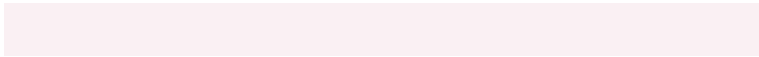
20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



50.0883, 0.3170, 0.3265



89.0267, 0.3175, 0.3262



50.5945, 0.3185, 0.3308



10.9980, 0.3183, 0.3258



7.7391, 0.5781, 0.2959



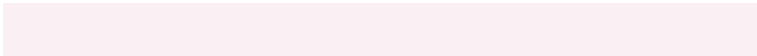
0.3467, 0.5124, 0.2597

Inverse Universe

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



50.0883, 0.3170, 0.3265



89.0267, 0.3175, 0.3262



51.8134, 0.3072, 0.3272



10.9980, 0.3183, 0.3258



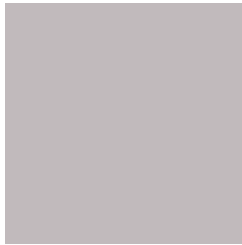
7.7391, 0.5781, 0.2959



0.3467, 0.5124, 0.2597

Previews

White Background



This preview shows how the Yxy color 50.0861, 0.3170, 0.3265 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 50.0861, 0.3170, 0.3265 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

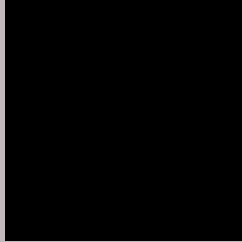
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

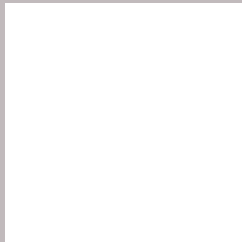
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.0861, 0.3170, 0.3265

Background



This preview shows how black text looks on a background with the Yxy color 50.0861, 0.3170, 0.3265.

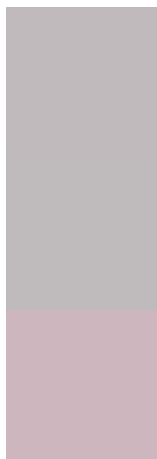


This preview shows how white text looks on a background with the Yxy color 50.0861, 0.3170, 0.3265.

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

50.0861, 0.3170, 0.3265

Protanopia

50.2479, 0.3153, 0.3278

Deuteranopia

50.1092, 0.3268, 0.3205



Tritanopia

50.0066, 0.3103, 0.3106

Trichromacy



Original Color

50.0861, 0.3170, 0.3265

Protanomaly

50.3780, 0.3161, 0.3278

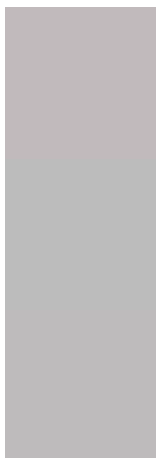
Deuteranomaly

49.9586, 0.3233, 0.3217

Tritanomaly

50.1074, 0.3125, 0.3166

Monochromacy



Original Color

50.0861, 0.3170, 0.3265

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

50.1186, 0.3144, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.0861, 0.3170, 0.3265 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(193, 186, 188)` looks like.

```
.text, #text, p{  
    color:rgb(193, 186, 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(193, 186, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 186, 188) }
```

Border

The CSS property to change the border of an element to Yxy 50.0861, 0.3170, 0.3265 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(193, 186, 188) }
```

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

```
.border{ border-color:rgb(193, 186, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 186, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 186, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 186, 188);  
box-shadow:4px 4px 4px 4px rgb(193, 186,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 50.0861, 0.3170, 0.3265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 186, 188) }
```

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

```
.background{ background-color: rgb(193,  
186, 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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