

Converting Colors

$Yxy(50.3265, 0.3336, 0.3266)$

Have a look what the booklet for
Yxy(50.3265, 0.3336, 0.3266)
contains.

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Color

Yxy(50.3265, 0.3336, 0.3266)

Conversions

Conversions Part 1

Format	Color
Hex	D0B6B8
RGB	208, 182, 184
RGB Percent	82%, 71%, 72%
CMY	0.1841, 0.2863, 0.2784
CMYK	0.00, 0.13, 0.12, 0.18
HSL	355°, 22%, 76%
HSV	355°, 13%, 82%
XYZ	51.4051, 50.3265, 52.3605
YIQ	190.0020, 14.8540, 6.1340

Conversions

Conversions Part 2

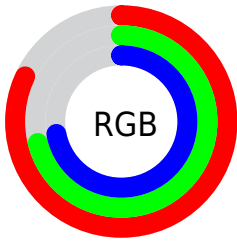
Format	Color
R _Y B	208, 182, 184
Decimal	13678264
CIE Lab	76.27, 9.66, 2.39
CIE LCh	76, 9.953, 13.915
Yxy	50.3265, 0.3336, 0.3266
Android (android.graphics.Color)	4291868344 (0xFFD0B6B8)
YUV	190.0020, -2.9590, 15.7842
Hunter-Lab	70.9412, 5.1970, 5.8978

Details

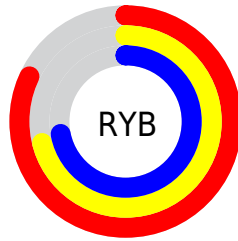
The Yxy color **50.3265, 0.3336, 0.3266** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.5401, 0.2950, 0.3314**, and the grayscale version is **51.5095, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.7003, 0.3228, 0.3271**, and **24.1115, 0.3390, 0.3258** is the 20% darker color. If you saturate the color by 10%, you get **41.6807, 0.3549, 0.3246**, and if you desaturate by 10%, it is **60.3519, 0.3165, 0.3285**.

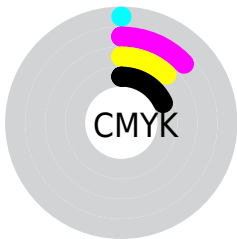
Distribution



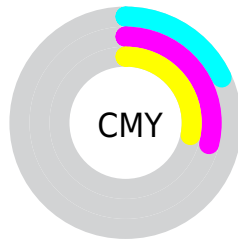
- Red (82%)
- Green (71%)
- Blue (72%)



- Red (82%)
- Yellow (71%)
- Blue (72%)



- Cyan (0%)
- Magenta (13%)
- Yellow (12%)
- Black (18%)





- Cyan (18%)
- Magenta (29%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.3265, 0.3336, 0.3266 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 50.3265, 0.3336, 0.3266 by changing the saturation by 10% instead.


 50.3265, 0.3336,
0.3266

 50.3265, 0.3336,
0.3266


387.9414, 0.3233,
0.3279

 35.6729, 0.3362,
0.3263


 90.6584, 0.3299,
0.3271

 24.1817, 0.3394,
0.3258


117.1056, 0.3285,
0.3272

 15.4684, 0.3438,
0.3253


148.2527, 0.3273,
0.3274

 9.1488, 0.3497,
0.3244

184.4841, 0.3262,
0.3275

 4.8384, 0.3586,
0.3231

226.1843, 0.3253,
0.3276

 2.1527, 0.3730,
0.3208

273.7377, 0.3246,

 0.6940, 0.4115,

0.3277

0.3185

327.5286, 0.3239,
0.3278

0.0000, 0.0000,
0.0000

50.3265, 0.3336,
0.3266

50.3265, 0.3336,
0.3266

41.6807, 0.3549,
0.3246

60.3519, 0.3165,
0.3285

34.3477, 0.3814,
0.3225

71.8065, 0.3027,
0.3303

28.2655, 0.4138,
0.3205

84.7457, 0.2917,
0.3319

23.3641, 0.4524,
0.3190

92.1582, 0.2849,
0.3289

19.5668, 0.4961,
0.3181

■ 16.7879, 0.5420,
0.3185

■ 14.9288, 0.5845,
0.3203

■ 13.8718, 0.6170,
0.3236

■ 13.4563, 0.6325,
0.3258

Harmonies

Analogous

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



50.3265, 0.3223, 0.3157



50.3265, 0.3336, 0.3266



50.3265, 0.3393, 0.3383

Triad

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



50.3265, 0.3336, 0.3266



50.3265, 0.3164, 0.3509



50.3265, 0.2884, 0.3098

Complementary

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



50.3265, 0.3336, 0.3266



59.5401, 0.2950, 0.3314

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.



50.3265, 0.2869, 0.3188



50.3265, 0.3336, 0.3266



50.3265, 0.3029, 0.3429

Square

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



50.3265, 0.3336, 0.3266



50.3265, 0.3292, 0.3527



50.3265, 0.2922, 0.3310



50.3265, 0.2962, 0.3061

Rectangle

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



50.3265, 0.3336, 0.3266



50.3265, 0.3390, 0.3451



50.3265, 0.2922, 0.3310



50.3265, 0.2871, 0.3123

Sweetspot

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



50.3287, 0.3336, 0.3266



93.0729, 0.3188, 0.3283



51.1113, 0.3124, 0.2982



19.6515, 0.3201, 0.3281



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.



50.3287, 0.3336, 0.3266



75.9101, 0.3388, 0.3261



54.8675, 0.3336, 0.3421



11.8230, 0.3278, 0.3272



8.3872, 0.6308, 0.3249



0.4743, 0.6029, 0.3095

Inverse Universe

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



50.3287, 0.3336, 0.3266



75.9101, 0.3388, 0.3261



54.5202, 0.2934, 0.3156



11.8230, 0.3278, 0.3272



8.3872, 0.6308, 0.3249



0.4743, 0.6029, 0.3095

Previews

White Background



This preview shows how the Yxy color 50.3265, 0.3336, 0.3266 looks on a white background.

Color Contrast Check

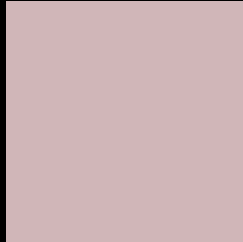
Large Text (above 18pt) WCAG AA × Fail

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 50.3265, 0.3336, 0.3266 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

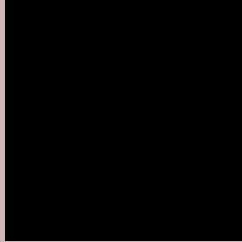
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.3265, 0.3336, 0.3266

Background



This preview shows how black text looks on a background with the Yxy color 50.3265, 0.3336, 0.3266.



This preview shows how white text looks on a background with the Yxy color 50.3265, 0.3336, 0.3266.

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

50.3265, 0.3336, 0.3266

Protanopia

50.3350, 0.3169, 0.3290

Deuteranopia

50.3265, 0.3336, 0.3266



Tritanopia

50.0929, 0.3264, 0.3123

Trichromacy



Original Color

50.3265, 0.3336, 0.3266

Protanomaly

50.2489, 0.3229, 0.3278

Deuteranomaly

50.3265, 0.3336, 0.3266

Tritanomaly

50.3208, 0.3296, 0.3183

Monochromacy



Original Color

50.3265, 0.3336, 0.3266

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.0418, 0.3203, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.3265, 0.3336, 0.3266 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(208, 182, 184)` looks like.

```
.text, #text, p{  
    color:rgb(208, 182, 184)  
}
```

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(208, 182, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 182, 184) }
```

Border

The CSS property to change the border of an element to Yxy 50.3265, 0.3336, 0.3266 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(208, 182, 184) }
```

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

```
.border{ border-color:rgb(208, 182, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 182, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 182, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 182, 184);  
box-shadow:4px 4px 4px 4px rgb(208, 182,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 50.3265, 0.3336, 0.3266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 182, 184) }
```

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

```
.background{ background-color: rgb(208,  
182, 184) }
```

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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