

Converting Colors

Yxy(50.6762, 0.3462, 0.3360)

Have a look what the booklet for
Yxy(50.6762, 0.3462, 0.3360)
contains.

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Color

Yxy(50.4785, 0.3458, 0.3351)

Conversions

Conversions Part 1

Format	Color
Hex	D6B5B0
RGB	214, 181, 176
RGB Percent	84%, 71%, 69%
CMY	0.1608, 0.2902, 0.3098
CMYK	0.00, 0.15, 0.18, 0.16
HSL	8°, 32%, 76%
HSV	8°, 18%, 84%
XYZ	52.0903, 50.4785, 48.0683
YIQ	190.2970, 21.2730, 5.4410

Conversions

Conversions Part 2

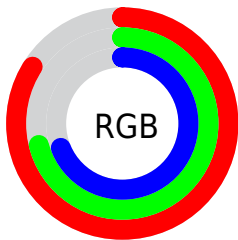
Format	Color
R _Y B	214, 182, 176
Decimal	14071216
CIE Lab	76.36, 11.06, 6.96
CIE LCh	76, 13.069, 32.167
Yxy	50.4785, 0.3458, 0.3351
Android (android.graphics.Color)	4292261296 (0xFFD6B5B0)
YUV	190.2970, -7.0484, 20.7875
Hunter-Lab	71.0482, 6.5362, 9.6206

Details

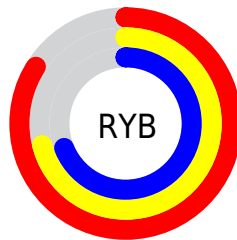
The Yxy color **50.4785, 0.3458, 0.3351** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **59.6764, 0.2858, 0.3228**, and the grayscale version is **51.7057, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.6546, 0.3280, 0.3340**, and **24.2645, 0.3547, 0.3355** is the 20% darker color. If you saturate the color by 10%, you get **42.6414, 0.3703, 0.3388**, and if you desaturate by 10%, it is **59.4609, 0.3257, 0.3316**.

Distribution



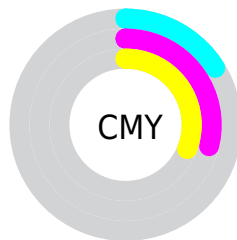
- Red (84%)
- Green (71%)
- Blue (69%)



- Red (84%)
- Yellow (71%)
- Blue (69%)



- Cyan (0%)
- Magenta (15%)
- Yellow (18%)
- Black (16%)





- Cyan (16%)
- Magenta (29%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.4785, 0.3458, 0.3351 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 50.4785, 0.3458, 0.3351 by changing the saturation by 10% instead.


 50.4785, 0.3458,
0.3351

 50.4785, 0.3458,
0.3351


388.5342, 0.3294,
0.3323

 35.7937, 0.3499,
0.3357


 90.8834, 0.3399,
0.3341

 24.2749, 0.3551,
0.3365


117.3724, 0.3376,
0.3338

 15.5377, 0.3620,
0.3374


148.5649, 0.3357,
0.3334

 9.1976, 0.3715,
0.3386

184.8454, 0.3341,
0.3332

 4.8703, 0.3856,
0.3401

226.5981, 0.3327,
0.3329

 2.1714, 0.4085,
0.3419

274.2076, 0.3314,

 0.7043, 0.4893,

0.3327

0.3653

328.0582, 0.3303,
0.3325

0.0000, 0.0000,
0.0000

50.4785, 0.3458,
0.3351

50.4785, 0.3458,
0.3351

42.6414, 0.3703,
0.3388

59.4609, 0.3257,
0.3316

35.8971, 0.4001,
0.3425

69.6250, 0.3093,
0.3283

30.1988, 0.4354,
0.3459

81.0141, 0.2959,
0.3253

25.4940, 0.4759,
0.3485

93.0355, 0.2883,
0.3289

21.7254, 0.5198,
0.3496

■ 18.8299, 0.5630,
0.3485

■ 16.7364, 0.5997,
0.3449

■ 15.3606, 0.6250,
0.3394

■ 15.1372, 0.6294,
0.3384

Harmonies

Analogous

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



50.4785, 0.3350, 0.3199



50.4785, 0.3458, 0.3351



50.4785, 0.3474, 0.3492

Triad

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



50.4785, 0.3458, 0.3351



50.4785, 0.3065, 0.3523



50.4785, 0.2862, 0.3000

Complementary

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



50.4785, 0.3458, 0.3351



59.6764, 0.2858, 0.3228

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.



50.4785, 0.2791, 0.3076



50.4785, 0.3458, 0.3351



50.4785, 0.2906, 0.3380

Square

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



50.4785, 0.3458, 0.3351



50.4785, 0.3244, 0.3599



50.4785, 0.2807, 0.3214



50.4785, 0.3004, 0.3000

Rectangle

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



50.4785, 0.3458, 0.3351



50.4785, 0.3431, 0.3562



50.4785, 0.2807, 0.3214



50.4785, 0.2829, 0.3017

Sweetspot

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



50.4808, 0.3458, 0.3351



92.3464, 0.3209, 0.3307



49.9752, 0.3183, 0.2901



19.5435, 0.3222, 0.3309



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.



50.4808, 0.3458, 0.3351



70.8616, 0.3537, 0.3364



58.4742, 0.3421, 0.3566



12.6823, 0.3288, 0.3321



9.2358, 0.6277, 0.3398



0.6453, 0.6007, 0.3612

Inverse Universe

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



59.6764, 0.2858, 0.3228



86.7947, 0.2808, 0.3215



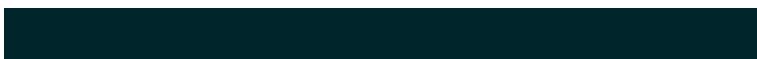
51.1548, 0.2846, 0.2997



13.8153, 0.2983, 0.3258



24.2114, 0.2131, 0.2870



1.5397, 0.2153, 0.2949

Previews

White Background



This preview shows how the Yxy color 50.4785, 0.3458, 0.3351 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 50.4785, 0.3458, 0.3351 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

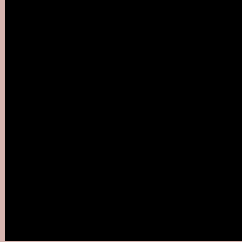
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.4785, 0.3458, 0.3351

Background



This preview shows how black text looks on a background with the Yxy color 50.4785, 0.3458, 0.3351.



This preview shows how white text looks on a background with the Yxy color 50.4785, 0.3458, 0.3351.

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

50.4785, 0.3458, 0.3351

Protanopia

50.7311, 0.3240, 0.3391

Deuteranopia

50.4394, 0.3429, 0.3363



Tritanopia

50.6449, 0.3343, 0.3138

Trichromacy



Original Color

50.4785, 0.3458, 0.3351

Protanomaly

50.3701, 0.3311, 0.3365

Deuteranomaly

50.5875, 0.3438, 0.3363

Tritanomaly

50.6348, 0.3383, 0.3220

Monochromacy



Original Color

50.4785, 0.3458, 0.3351

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.1855, 0.3243, 0.3315

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.4785, 0.3458, 0.3351 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(214, 181, 176)` looks like.

```
.text, #text, p{  
    color:rgb(214, 181, 176)  
}
```

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(214, 181, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 181, 176) }
```

Border

The CSS property to change the border of an element to Yxy 50.4785, 0.3458, 0.3351 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(214, 181, 176) }
```

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

```
.border{ border-color:rgb(214, 181, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 181, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(214, 181, 176); -webkit-box-shadow:4px 4px 4px 4px rgb(214, 181, 176); box-shadow:4px 4px 4px 4px rgb(214, 181, 176) }
```


Background

The CSS property to change the background color of an element to Yxy 50.4785, 0.3458, 0.3351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 181, 176) }
```

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

```
.background{ background-color: rgb(214,  
181, 176) }
```

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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