

Converting Colors

Yxy(52.4918, 0.3466, 0.3257)

Have a look what the booklet for
Yxy(52.4918, 0.3466, 0.3257)
contains.

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Color

Yxy(52.6467, 0.3459, 0.3256)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | DFB6B9 |
| RGB | 223, 182, 185 |
| RGB Percent | 87%, 71%, 73% |
| CMY | 0.1253, 0.2863, 0.2745 |
| CMYK | 0.00, 0.18, 0.17, 0.13 |
| HSL | 356°, 39%, 79% |
| HSV | 356°, 18%, 87% |
| XYZ | 55.9290, 52.6467, 53.1156 |
| YIQ | 194.6010, 23.4730, 9.6250 |

Conversions

Conversions Part 2

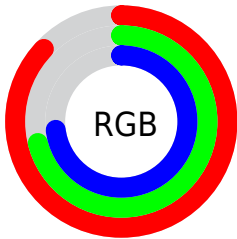
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 223, 182, 185 |
| Decimal | 14661305 |
| CIE Lab | 77.67, 15.26, 4.05 |
| CIE LCh | 78, 15.786, 14.874 |
| Yxy | 52.6467, 0.3459, 0.3256 |
| Android (android.graphics.Color) | 4292851385 (0xFFDFB6B9) |
| YUV | 194.6010, -4.7333, 24.9059 |
| Hunter-Lab | 72.5580, 10.6144, 7.3878 |

Details

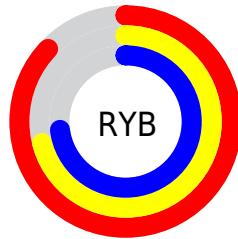
The Yxy color **52.6467, 0.3459, 0.3256** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **67.9166, 0.2869, 0.3325**, and the grayscale version is **54.3457, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.7599, 0.3222, 0.3261**, and **25.5819, 0.3546, 0.3245** is the 20% darker color. If you saturate the color by 10%, you get **43.4197, 0.3704, 0.3236**, and if you desaturate by 10%, it is **63.4604, 0.3262, 0.3275**.

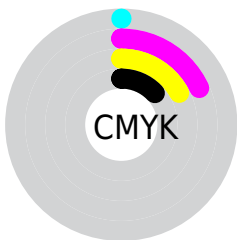
Distribution



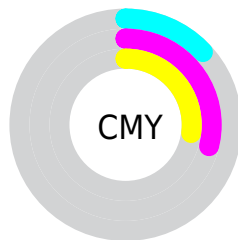
- Red (87%)
- Green (71%)
- Blue (73%)



- Red (87%)
- Yellow (71%)
- Blue (73%)



- Cyan (0%)
- Magenta (18%)
- Yellow (17%)
- Black (13%)



- Cyan (13%)
- Magenta (29%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.6467, 0.3459, 0.3256 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 52.6467, 0.3459, 0.3256 by changing the saturation by 10% instead.


 52.6467, 0.3459,
0.3256

 52.6467, 0.3459,
0.3256


396.9282, 0.3296,
0.3274

 37.5208, 0.3499,
0.3251


 94.0843, 0.3400,
0.3263

 25.6110, 0.3550,
0.3245


121.1648, 0.3378,
0.3265

 16.5328, 0.3617,
0.3236


152.9989, 0.3359,
0.3268

 9.9020, 0.3710,
0.3223

189.9711, 0.3343,
0.3269

 5.3340, 0.3845,
0.3202

232.4657, 0.3329,
0.3271

 2.4445, 0.4061,
0.3165

280.8672, 0.3316,

 0.8487, 0.4515,

0.3272

0.3125

335.5599, 0.3305,
0.3273

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

52.6467, 0.3459,
0.3256

52.6467, 0.3459,
0.3256

43.4197, 0.3704,
0.3236

63.4604, 0.3262,
0.3275

35.6980, 0.4007,
0.3217

75.9229, 0.3104,
0.3293

29.4040, 0.4372,
0.3201

90.1018, 0.2978,
0.3309

24.4499, 0.4795,
0.3190

94.4366, 0.2935,
0.3289

■ 20.7387, 0.5255,
0.3189

■ 18.1601, 0.5703,
0.3201

■ 16.5842, 0.6073,
0.3228

■ 15.8229, 0.6309,
0.3261

■ 15.7353, 0.6335,
0.3264

Harmonies

Analogous

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



52.6467, 0.3282, 0.3090



52.6467, 0.3459, 0.3256



52.6467, 0.3545, 0.3436

Triad

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



52.6467, 0.3459, 0.3256



52.6467, 0.3176, 0.3634



52.6467, 0.2752, 0.2986

Complementary

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



52.6467, 0.3459, 0.3256



67.9166, 0.2869, 0.3325

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.



52.6467, 0.2727, 0.3121



52.6467, 0.3459, 0.3256



52.6467, 0.2967, 0.3503

Square

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



52.6467, 0.3459, 0.3256



52.6467, 0.3377, 0.3662



52.6467, 0.2804, 0.3312



52.6467, 0.2875, 0.2935

Rectangle

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



52.6467, 0.3459, 0.3256



52.6467, 0.3537, 0.3542



52.6467, 0.2804, 0.3312



52.6467, 0.2732, 0.3023

Sweetspot

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



52.6491, 0.3459, 0.3256



89.7441, 0.3222, 0.3279



53.9383, 0.3121, 0.2831



18.9807, 0.3233, 0.3278



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.



52.6491, 0.3459, 0.3256



66.3740, 0.3545, 0.3249



59.9648, 0.3450, 0.3486



13.7168, 0.3281, 0.3273



9.2532, 0.6318, 0.3254



0.6472, 0.6092, 0.3130

Inverse Universe

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



52.6491, 0.3459, 0.3256



66.3740, 0.3545, 0.3249



59.3884, 0.2840, 0.3085



13.7168, 0.3281, 0.3273



9.2532, 0.6318, 0.3254



0.6472, 0.6092, 0.3130

Previews

White Background



This preview shows how the Yxy color 52.6467, 0.3459, 0.3256 looks on a white background.

Color Contrast Check

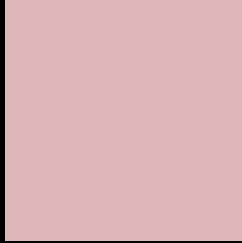
Large Text (above 18pt) WCAG AA × Fail

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 52.6467, 0.3459, 0.3256 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

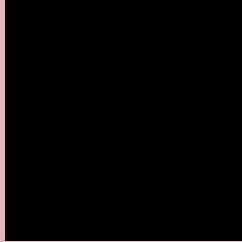
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.6467, 0.3459, 0.3256

Background



This preview shows how black text looks on a background with the Yxy color 52.6467, 0.3459, 0.3256.



This preview shows how white text looks on a background with the Yxy color 52.6467, 0.3459, 0.3256.

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

52.6467, 0.3459, 0.3256

Protanopia

52.7151, 0.3176, 0.3302

Deuteranopia

52.8746, 0.3381, 0.3314



Tritanopia

52.4299, 0.3386, 0.3119

Trichromacy



Original Color

52.6467, 0.3459, 0.3256

Protanomaly

52.7191, 0.3278, 0.3290

Deuteranomaly

52.9103, 0.3409, 0.3303

Tritanomaly

52.6566, 0.3418, 0.3176

Monochromacy



Original Color

52.6467, 0.3459, 0.3256

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

53.5676, 0.3243, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.6467, 0.3459, 0.3256 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(223, 182, 185)` looks like.

```
.text, #text, p{  
    color:rgb(223, 182, 185)  
}
```

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(223, 182, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 182, 185) }
```

Border

The CSS property to change the border of an element to Yxy 52.6467, 0.3459, 0.3256 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(223, 182, 185) }
```

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

```
.border{ border-color:rgb(223, 182, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 182, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(223, 182, 185); -webkit-box-shadow:4px 4px 4px 4px rgb(223, 182, 185); box-shadow:4px 4px 4px 4px rgb(223, 182, 185) }
```


Background

The CSS property to change the background color of an element to Yxy 52.6467, 0.3459, 0.3256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 182, 185) }
```

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

```
.background{ background-color: rgb(223,  
182, 185) }
```

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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