

Converting Colors

Yxy(54.1561, 0.3420, 0.3258)

Have a look what the booklet for
Yxy(54.1561, 0.3420, 0.3258)
contains.

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Color

Yxy(54.0167, 0.3428, 0.3256)

Conversions

Conversions Part 1

Format	Color
Hex	DFB9BC
RGB	223, 185, 188
RGB Percent	87%, 73%, 74%
CMY	0.1253, 0.2746, 0.2627
CMYK	0.00, 0.17, 0.16, 0.13
HSL	355°, 37%, 80%
HSV	355°, 17%, 87%
XYZ	56.8702, 54.0167, 55.0121
YIQ	196.7040, 21.6850, 8.9890

Conversions

Conversions Part 2

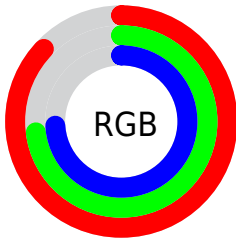
Format	Color
R _Y B	223, 185, 188
Decimal	14662076
CIE Lab	78.47, 14.12, 3.59
CIE LCh	78, 14.571, 14.260
Yxy	54.0167, 0.3428, 0.3256
Android (android.graphics.Color)	4292852156 (0xFFDFB9BC)
YUV	196.7040, -4.2911, 23.0616
Hunter-Lab	73.4961, 9.5026, 7.0684

Details

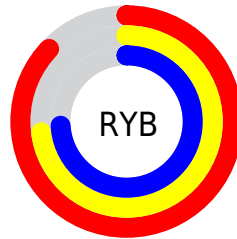
The Yxy color **54.0167, 0.3428, 0.3256** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.2842, 0.2888, 0.3325**, and the grayscale version is **55.6678, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.7022, 0.3201, 0.3261**, and **26.4673, 0.3502, 0.3245** is the 20% darker color. If you saturate the color by 10%, you get **44.5848, 0.3665, 0.3235**, and if you desaturate by 10%, it is **65.0434, 0.3238, 0.3276**.

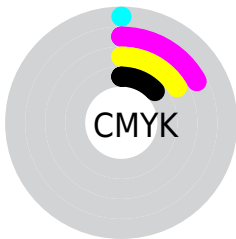
Distribution



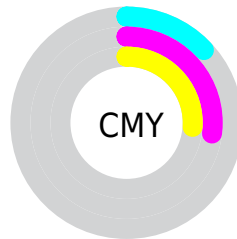
- Red (87%)
- Green (73%)
- Blue (74%)



- Red (87%)
- Yellow (73%)
- Blue (74%)



- Cyan (0%)
- Magenta (17%)
- Yellow (16%)
- Black (13%)





- Cyan (13%)
- Magenta (27%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.0167, 0.3428, 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 54.0167, 0.3428, 0.3256 by changing the saturation by 10% instead.


 54.0167, 0.3428,
0.3256

 54.0167, 0.3428,
0.3256


402.1737, 0.3281,
0.3274

 38.6150, 0.3464,
0.3251

 96.0988, 0.3375,
0.3263

 26.4604, 0.3510,
0.3245


123.5479, 0.3355,
0.3265

 17.1684, 0.3570,
0.3237

155.7817, 0.3338,
0.3267

 10.3546, 0.3652,
0.3225

193.1845, 0.3323,
0.3269

 5.6347, 0.3771,
0.3206

236.1407, 0.3311,
0.3270

 2.6243, 0.3960,
0.3173

285.0347, 0.3299,

 0.9389, 0.4322,

0.3272

0.3119

340.2509, 0.3289,
0.3273

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.0167, 0.3428,
0.3256

54.0167, 0.3428,
0.3256

44.5848, 0.3665,
0.3235

65.0434, 0.3238,
0.3276

36.6670, 0.3957,
0.3214

77.7261, 0.3086,
0.3295

30.1866, 0.4311,
0.3195

92.1319, 0.2964,
0.3313

25.0572, 0.4725,
0.3182

94.4362, 0.2935,
0.3289

■ 21.1834, 0.5180,
0.3179

■ 18.4570, 0.5632,
0.3190

■ 16.7516, 0.6017,
0.3216

■ 15.9033, 0.6276,
0.3253

■ 15.7391, 0.6328,
0.3260

Harmonies

Analogous

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



54.0167, 0.3265, 0.3104



54.0167, 0.3428, 0.3256



54.0167, 0.3508, 0.3421

Triad

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



54.0167, 0.3428, 0.3256



54.0167, 0.3176, 0.3605



54.0167, 0.2782, 0.3014

Complementary

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



54.0167, 0.3428, 0.3256



68.2842, 0.2888, 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.



54.0167, 0.2761, 0.3140



54.0167, 0.3428, 0.3256



54.0167, 0.2984, 0.3488

Square

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



54.0167, 0.3428, 0.3256



54.0167, 0.3360, 0.3630



54.0167, 0.2833, 0.3314



54.0167, 0.2893, 0.2965

Rectangle

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



54.0167, 0.3428, 0.3256



54.0167, 0.3503, 0.3519



54.0167, 0.2833, 0.3314



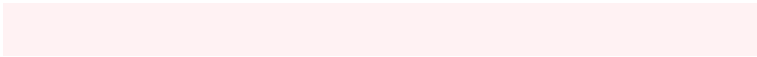
54.0167, 0.2764, 0.3048

Sweetspot

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



54.0191, 0.3428, 0.3256



91.4002, 0.3204, 0.3280



55.2189, 0.3121, 0.2865



19.3146, 0.3216, 0.3279



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.



54.0191, 0.3428, 0.3256



69.0026, 0.3495, 0.3250



60.8999, 0.3423, 0.3471



13.7181, 0.3280, 0.3272



9.2560, 0.6310, 0.3250



0.6478, 0.6069, 0.3117

Inverse Universe

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



54.0191, 0.3428, 0.3256



69.0026, 0.3495, 0.3250



60.3610, 0.2862, 0.3102



13.7181, 0.3280, 0.3272



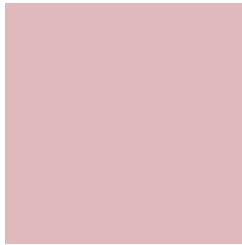
9.2560, 0.6310, 0.3250



0.6478, 0.6069, 0.3117

Previews

White Background



This preview shows how the Yxy color 54.0167, 0.3428, 0.3256 looks on a white background.

Color Contrast Check

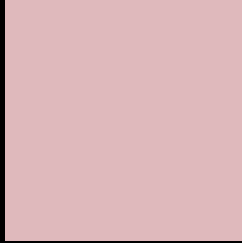
Large Text (above 18pt) WCAG AA × Fail

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 54.0167, 0.3428, 0.3256 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

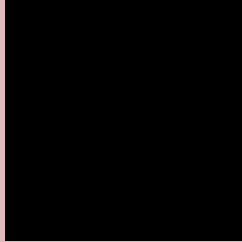
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.0167, 0.3428, 0.3256

Background



This preview shows how black text looks on a background with the Yxy color 54.0167, 0.3428, 0.3256.



This preview shows how white text looks on a background with the Yxy color 54.0167, 0.3428, 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

54.0167, 0.3428, 0.3256

Protanopia

53.9960, 0.3168, 0.3290

Deuteranopia

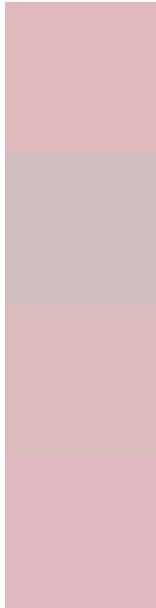
54.1532, 0.3371, 0.3302



Tritanopia

53.7915, 0.3356, 0.3120

Trichromacy



Original Color

54.0167, 0.3428, 0.3256

Protanomaly

53.8539, 0.3260, 0.3278

Deuteranomaly

54.1886, 0.3398, 0.3291

Tritanomaly

54.0233, 0.3388, 0.3177

Monochromacy



Original Color

54.0167, 0.3428, 0.3256

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

55.1568, 0.3225, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.0167, 0.3428, 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, 185, 188)` looks like.

```
.text, #text, p{  
    color:rgb(223, 185, 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(223, 185, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 185, 188) }
```

Border

The CSS property to change the border of an element to Yxy 54.0167, 0.3428, 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, 185, 188) }
```

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

```
.border{ border-color:rgb(223, 185, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 185, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 185, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 185, 188);  
box-shadow:4px 4px 4px 4px rgb(223, 185,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 54.0167, 0.3428, 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, 185, 188) }
```

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

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