

Converting Colors

Yxy(54.1969, 0.3408, 0.3256)

Have a look what the booklet for
Yxy(54.1969, 0.3408, 0.3256)
contains.

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Color

Yxy(54.3215, 0.3409, 0.3256)

Conversions

Conversions Part 1

Format	Color
Hex	DEBABD
RGB	222, 186, 189
RGB Percent	87%, 73%, 74%
CMY	0.1293, 0.2706, 0.2588
CMYK	0.00, 0.16, 0.15, 0.13
HSL	355°, 35%, 80%
HSV	355°, 16%, 87%
XYZ	56.8741, 54.3215, 55.6395
YIQ	197.1060, 20.4930, 8.5650

Conversions

Conversions Part 2

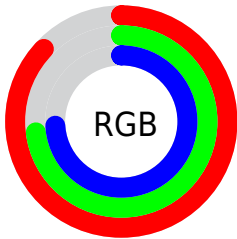
Format	Color
R _Y B	222, 186, 189
Decimal	14596797
CIE Lab	78.65, 13.37, 3.29
CIE LCh	79, 13.766, 13.834
Yxy	54.3215, 0.3409, 0.3256
Android (android.graphics.Color)	4292786877 (0xFFDEBABD)
YUV	197.1060, -3.9963, 21.8320
Hunter-Lab	73.7031, 8.7616, 6.8333

Details

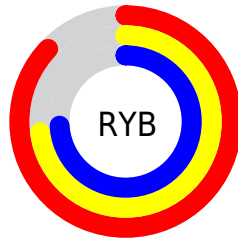
The Yxy color $54.3215, 0.3409, 0.3256$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $67.8067, 0.2901, 0.3325$, and the grayscale version is $55.9203, 0.3127, 0.3290$.

A 20% lighter version of the original color is $91.3568, 0.3194, 0.3261$, and $26.6596, 0.3476, 0.3245$ is the 20% darker color. If you saturate the color by 10%, you get $44.8626, 0.3640, 0.3234$, and if you desaturate by 10%, it is $65.3626, 0.3224, 0.3277$.

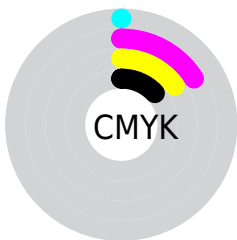
Distribution



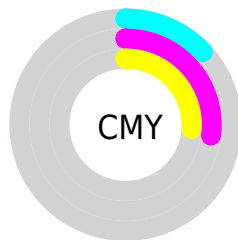
- Red (87%)
- Green (73%)
- Blue (74%)



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



- Cyan (0%)
- Magenta (16%)
- Yellow (15%)
- Black (13%)





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

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.3215, 0.3409, 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 54.3215, 0.3409, 0.3256 by changing the saturation by 10% instead.


 54.3215, 0.3409,
0.3256

 54.3215, 0.3409,
0.3256


403.3348, 0.3271,
0.3274

 38.8588, 0.3443,
0.3251


 96.5461, 0.3360,
0.3263

 26.6499, 0.3485,
0.3245


124.0768, 0.3341,
0.3265

 17.3104, 0.3541,
0.3237


156.3989, 0.3325,
0.3267

 10.4561, 0.3618,
0.3226

193.8969, 0.3311,
0.3269

 5.7024, 0.3729,
0.3208

236.9550, 0.3299,
0.3270

 2.6650, 0.3905,
0.3177

285.9578, 0.3289,

 0.9594, 0.4234,

0.3272

0.3122

341.2896, 0.3279,
0.3273

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.3215, 0.3409,
0.3256

54.3215, 0.3409,
0.3256

44.8626, 0.3640,
0.3234

65.3626, 0.3224,
0.3277

36.9064, 0.3926,
0.3211

78.0459, 0.3075,
0.3297

30.3778, 0.4273,
0.3191

92.4374, 0.2955,
0.3315

25.1923, 0.4680,
0.3177

94.2728, 0.2929,
0.3289

■ 21.2563, 0.5130,
0.3172

■ 18.4642, 0.5584,
0.3182

■ 16.6933, 0.5979,
0.3208

■ 15.7906, 0.6252,
0.3246

■ 15.5785, 0.6323,
0.3257

Harmonies

Analogous

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



54.3215, 0.3255, 0.3112



54.3215, 0.3409, 0.3256



54.3215, 0.3486, 0.3412

Triad

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



54.3215, 0.3409, 0.3256



54.3215, 0.3176, 0.3588



54.3215, 0.2800, 0.3031

Complementary

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



54.3215, 0.3409, 0.3256



67.8067, 0.2901, 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.



54.3215, 0.2781, 0.3151



54.3215, 0.3409, 0.3256



54.3215, 0.2995, 0.3478

Square

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



54.3215, 0.3409, 0.3256



54.3215, 0.3349, 0.3610



54.3215, 0.2852, 0.3316



54.3215, 0.2904, 0.2983

Rectangle

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



54.3215, 0.3409, 0.3256



54.3215, 0.3482, 0.3505



54.3215, 0.2852, 0.3316



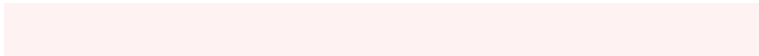
54.3215, 0.2784, 0.3064

Sweetspot

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



54.3239, 0.3409, 0.3256



91.4035, 0.3204, 0.3280



55.3613, 0.3117, 0.2886



19.3154, 0.3216, 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.



54.3239, 0.3409, 0.3256



70.3515, 0.3471, 0.3250



60.5748, 0.3408, 0.3455



13.7191, 0.3279, 0.3271



9.2580, 0.6304, 0.3246



0.6483, 0.6052, 0.3108

Inverse Universe

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



54.3239, 0.3409, 0.3256



70.3515, 0.3471, 0.3250



60.6359, 0.2875, 0.3119



13.7191, 0.3279, 0.3271



9.2580, 0.6304, 0.3246



0.6483, 0.6052, 0.3108

Previews

White Background



This preview shows how the Yxy color 54.3215, 0.3409, 0.3256 looks on a white background.

Color Contrast Check

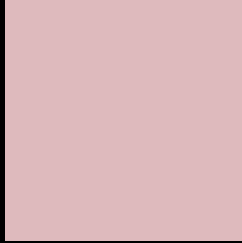
Large Text (above 18pt) WCAG AA × Fail

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 54.3215, 0.3409, 0.3256 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

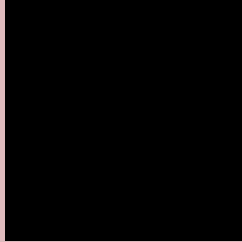
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.3215, 0.3409, 0.3256

Background



This preview shows how black text looks on a background with the Yxy color 54.3215, 0.3409, 0.3256.



This preview shows how white text looks on a background with the Yxy color 54.3215, 0.3409, 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

54.3215, 0.3409, 0.3256

Protanopia

54.4396, 0.3167, 0.3302

Deuteranopia

54.2395, 0.3354, 0.3279



Tritanopia

54.0925, 0.3338, 0.3120

Trichromacy



Original Color

54.3215, 0.3409, 0.3256

Protanomaly

54.3328, 0.3251, 0.3278

Deuteranomaly

54.1202, 0.3373, 0.3267

Tritanomaly

54.3260, 0.3370, 0.3176

Monochromacy



Original Color

54.3215, 0.3409, 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 54.3215, 0.3409, 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(222, 186, 189)` looks like.

```
.text, #text, p{  
    color:rgb(222, 186, 189)  
}
```

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(222, 186, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 186, 189) }
```

Border

The CSS property to change the border of an element to Yxy 54.3215, 0.3409, 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(222, 186, 189) }
```

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

```
.border{ border-color:rgb(222, 186, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 186, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(222, 186, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(222, 186, 189); box-shadow:4px 4px 4px 4px rgb(222, 186, 189) }
```


Background

The CSS property to change the background color of an element to Yxy 54.3215, 0.3409, 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(222, 186, 189) }
```

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

```
.background{ background-color: rgb(222,  
186, 189) }
```

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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