

Converting Colors

$Yxy(54.8146, 0.3233, 0.2987)$

Have a look what the booklet for
Yxy(54.8146, 0.3233, 0.2987)
contains.

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Color

Yxy(54.5137, 0.3233, 0.2986)

Conversions

Conversions Part 1

Format	Color
Hex	DEB8D3
RGB	222, 184, 211
RGB Percent	87%, 72%, 83%
CMY	0.1294, 0.2784, 0.1726
CMYK	0.00, 0.17, 0.05, 0.13
HSL	317°, 37%, 80%
HSV	317°, 17%, 87%
XYZ	59.0230, 54.5137, 69.0276
YIQ	198.4400, 13.9810, 16.4530

Conversions

Conversions Part 2

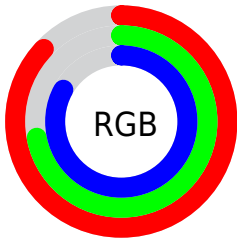
Format	Color
R _Y B	222, 184, 211
Decimal	14596307
CIE Lab	78.76, 18.13, -8.43
CIE LCh	79, 19.992, 335.057
Yxy	54.5137, 0.3233, 0.2986
Android (android.graphics.Color)	4292786387 (0xFFDEB8D3)
YUV	198.4400, 6.1921, 20.6621
Hunter-Lab	73.8334, 13.4860, -3.7474

Details

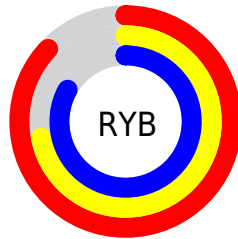
The Yxy color **54.5137, 0.3233, 0.2986** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **66.3809, 0.3035, 0.3615**, and the grayscale version is **56.7102, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.8002, 0.3134, 0.3146**, and **26.8484, 0.3268, 0.2920** is the 20% darker color. If you saturate the color by 10%, you get **45.6881, 0.3309, 0.2801**, and if you desaturate by 10%, it is **64.8045, 0.3168, 0.3166**.

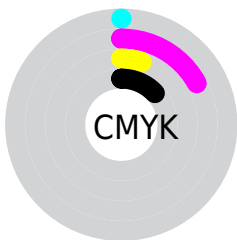
Distribution



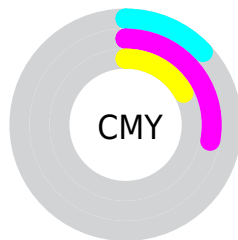
- Red (87%)
- Green (72%)
- Blue (83%)



- Red (87%)
- Yellow (72%)
- Blue (83%)



- Cyan (0%)
- Magenta (17%)
- Yellow (5%)
- Black (13%)





- Cyan (13%)
- Magenta (28%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.5137, 0.3233, 0.2986 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 54.5137, 0.3233, 0.2986 by changing the saturation by 10% instead.


 54.5137, 0.3233,
0.2986

 54.5137, 0.3233,
0.2986

404.0659, 0.3183,
0.3130

 39.0125, 0.3245,
0.2952


 96.8281, 0.3216,
0.3037

 26.7695, 0.3259,
0.2910


124.4101, 0.3209,
0.3056

 17.4002, 0.3277,
0.2855


156.7878, 0.3203,
0.3073

 10.5202, 0.3302,
0.2782

194.3456, 0.3198,
0.3088

 5.7452, 0.3336,
0.2681

237.4679, 0.3194,
0.3100

 2.6908, 0.3385,
0.2529

286.5391, 0.3190,

 0.9725, 0.3465,

0.3112

0.2277

341.9437, 0.3186,
0.3122

0.0000, 0.4150,
0.0000

0.0000, 0.0000,
0.0000

54.5137, 0.3233,
0.2986

54.5137, 0.3233,
0.2986

45.6881, 0.3309,
0.2801

64.8045, 0.3168,
0.3166

38.2530, 0.3397,
0.2617

76.6163, 0.3112,
0.3339

32.1380, 0.3496,
0.2442

90.0109, 0.3065,
0.3500

27.2636, 0.3606,
0.2285

93.1512, 0.3028,
0.3477

■ 23.5417, 0.3724,
0.2158

■ 93.5340, 0.2993,
0.3410

■ 20.8727, 0.3846,
0.2070

■ 93.9305, 0.2958,
0.3344

■ 19.1396, 0.3969,
0.2029

■ 94.2714, 0.2929,
0.3289

■ 18.1890, 0.4088,
0.2037

■ 17.9861, 0.4122,
0.2044

Harmonies

Analogous

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



54.5137, 0.2966, 0.2871



54.5137, 0.3233, 0.2986



54.5137, 0.3480, 0.3174

Triad

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



54.5137, 0.3233, 0.2986



54.5137, 0.3507, 0.3738



54.5137, 0.2647, 0.3149

Complementary

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



54.5137, 0.3233, 0.2986



66.3809, 0.3035, 0.3615

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.



54.5137, 0.2780, 0.3398



54.5137, 0.3233, 0.2986



54.5137, 0.3273, 0.3751

Square

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



54.5137, 0.3233, 0.2986



54.5137, 0.3641, 0.3603



54.5137, 0.3007, 0.3625



54.5137, 0.2637, 0.2954

Rectangle

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



54.5137, 0.3233, 0.2986



54.5137, 0.3596, 0.3321



54.5137, 0.3007, 0.3625



54.5137, 0.2679, 0.3229

Sweetspot

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



54.5161, 0.3233, 0.2986



91.8972, 0.3155, 0.3203



51.1287, 0.2930, 0.2839



19.4352, 0.3159, 0.3191



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.



54.5161, 0.3233, 0.2986



69.5028, 0.3262, 0.2912



53.6301, 0.3385, 0.3196



13.8643, 0.3182, 0.3125



10.7023, 0.4105, 0.2035



0.7571, 0.3935, 0.1941

Inverse Universe

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



54.5161, 0.3233, 0.2986



69.5028, 0.3262, 0.2912



67.2829, 0.2919, 0.3386



13.8643, 0.3182, 0.3125



10.7023, 0.4105, 0.2035



0.7571, 0.3935, 0.1941

Previews

White Background



This preview shows how the Yxy color 54.5137, 0.3233, 0.2986 looks on a white background.

Color Contrast Check

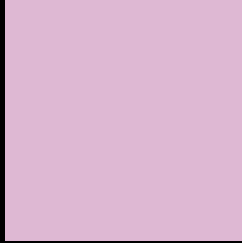
Large Text (above 18pt) WCAG AA × Fail

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 54.5137, 0.3233, 0.2986 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

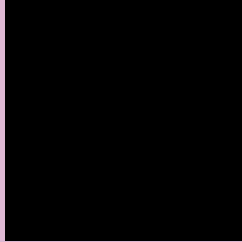
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.5137, 0.3233, 0.2986

Background



This preview shows how black text looks on a background with the Yxy color 54.5137, 0.3233, 0.2986.



This preview shows how white text looks on a background with the Yxy color 54.5137, 0.3233, 0.2986.

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

54.5137, 0.3233, 0.2986

Protanopia

54.7998, 0.2947, 0.3015

Deuteranopia

54.7455, 0.3114, 0.3056



Tritanopia

54.6601, 0.3310, 0.3130

Trichromacy



Original Color

54.5137, 0.3233, 0.2986

Protanomaly

54.4297, 0.3045, 0.2997

Deuteranomaly

54.6166, 0.3155, 0.3036

Tritanomaly

54.4297, 0.3279, 0.3074

Monochromacy



Original Color

54.5137, 0.3233, 0.2986

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

55.7171, 0.3165, 0.3173

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.5137, 0.3233, 0.2986 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, 184, 211)` looks like.

```
.text, #text, p{  
    color:rgb(222, 184, 211)  
}
```

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, 184, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 184, 211) }
```

Border

The CSS property to change the border of an element to Yxy 54.5137, 0.3233, 0.2986 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, 184, 211) }
```

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

```
.border{ border-color:rgb(222, 184, 211) }
```

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

Here you see how a box with a 4 pixel rgb(222, 184, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 184, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 184, 211);  
box-shadow:4px 4px 4px 4px rgb(222, 184,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 54.5137, 0.3233, 0.2986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 184, 211) }
```

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

```
.background{ background-color: rgb(222,  
184, 211) }
```

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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