

Converting Colors

Yxy(54.5368, 0.3327, 0.3115)

Have a look what the booklet for
Yxy(54.5368, 0.3327, 0.3115)
contains.

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Color

Yxy(54.5560, 0.3329, 0.3120)

Conversions

Conversions Part 1

Format	Color
Hex	DFB9C8
RGB	223, 185, 200
RGB Percent	87%, 73%, 78%
CMY	0.1254, 0.2745, 0.2158
CMYK	0.00, 0.17, 0.10, 0.13
HSL	336°, 37%, 80%
HSV	336°, 17%, 87%
XYZ	58.2106, 54.5560, 62.0924
YIQ	198.0720, 17.8330, 12.7210

Conversions

Conversions Part 2

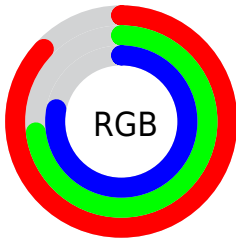
Format	Color
R_{YB}	223, 185, 200
Decimal	14662088
CIE _{Lab}	78.78, 16.06, -2.43
CIE _{LCh}	79, 16.239, 351.391
Yxy	54.5560, 0.3329, 0.3120
Android (android.graphics.Color)	4292852168 (0xFFDFB9C8)
YUV	198.0720, 0.9505, 21.8619
Hunter-Lab	73.8620, 11.4170, 1.8610

Details

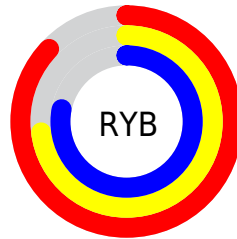
The Yxy color **54.5560, 0.3329, 0.3120** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **67.6623, 0.2961, 0.3467**, and the grayscale version is **56.5062, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.3906, 0.3133, 0.3156**, and **26.9027, 0.3389, 0.3081** is the 20% darker color. If you saturate the color by 10%, you get **45.3433, 0.3483, 0.3014**, and if you desaturate by 10%, it is **65.2931, 0.3202, 0.3222**.

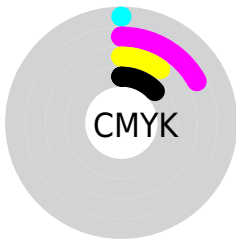
Distribution



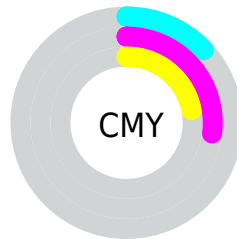
- Red (87%)
- Green (73%)
- Blue (78%)



- Red (87%)
- Yellow (73%)
- Blue (78%)



- Cyan (0%)
- Magenta (17%)
- Yellow (10%)
- Black (13%)





- Cyan (13%)
- Magenta (27%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.5560, 0.3329, 0.3120 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 54.5560, 0.3329, 0.3120 by changing the saturation by 10% instead.


 54.5560, 0.3329,
0.3120

 54.5560, 0.3329,
0.3120


404.2267, 0.3231,
0.3202

 39.0464, 0.3353,
0.3100


 96.8901, 0.3294,
0.3149

 26.7958, 0.3382,
0.3076


124.4834, 0.3281,
0.3160

 17.4199, 0.3421,
0.3044


156.8733, 0.3269,
0.3170

 10.5343, 0.3474,
0.3000

194.4443, 0.3260,
0.3178

 5.7546, 0.3550,
0.2939

237.5807, 0.3251,
0.3185

 2.6965, 0.3668,
0.2844

286.6670, 0.3244,

 0.9754, 0.3876,

0.3191

0.2680

342.0875, 0.3237,
0.3197

0.0000, 0.9184,
0.0000

0.0000, 0.0000,
0.0000

54.5560, 0.3329,
0.3120

54.5560, 0.3329,
0.3120

45.3433, 0.3483,
0.3014

65.2931, 0.3202,
0.3222

37.5783, 0.3668,
0.2907

77.6124, 0.3099,
0.3317

31.1883, 0.3889,
0.2806

91.5773, 0.3014,
0.3406

26.0918, 0.4145,
0.2719

94.3718, 0.2940,
0.3299

■ 22.1981, 0.4434,
0.2657

■ 94.4329, 0.2935,
0.3289

■ 19.4050, 0.4744,
0.2634

■ 17.5928, 0.5057,
0.2660

■ 16.6055, 0.5350,
0.2739

■ 16.3952, 0.5433,
0.2767

Harmonies

Analogous

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



54.5560, 0.3114, 0.2989



54.5560, 0.3329, 0.3120



54.5560, 0.3493, 0.3295

Triad

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



54.5560, 0.3329, 0.3120



54.5560, 0.3340, 0.3672



54.5560, 0.2717, 0.3082

Complementary

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



54.5560, 0.3329, 0.3120



67.6623, 0.2961, 0.3467

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.



54.5560, 0.2774, 0.3268



54.5560, 0.3329, 0.3120



54.5560, 0.3129, 0.3619

Square

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



54.5560, 0.3329, 0.3120



54.5560, 0.3498, 0.3615



54.5560, 0.2922, 0.3468



54.5560, 0.2765, 0.2962

Rectangle

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



54.5560, 0.3329, 0.3120



54.5560, 0.3548, 0.3418



54.5560, 0.2922, 0.3468



54.5560, 0.2724, 0.3139

Sweetspot

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



54.5584, 0.3329, 0.3120



91.6454, 0.3180, 0.3242



53.4091, 0.3025, 0.2853



19.3740, 0.3188, 0.3235



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.



54.5584, 0.3329, 0.3120



69.8325, 0.3373, 0.3088



55.5046, 0.3446, 0.3335



13.7895, 0.3231, 0.3198



9.6578, 0.5394, 0.2745



0.6867, 0.4983, 0.2519

Inverse Universe

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



54.5584, 0.3329, 0.3120



69.8325, 0.3373, 0.3088



66.4251, 0.2869, 0.3245



13.7895, 0.3231, 0.3198



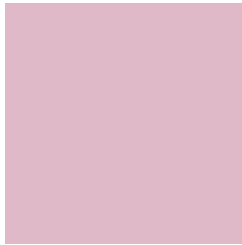
9.6578, 0.5394, 0.2745



0.6867, 0.4983, 0.2519

Previews

White Background



This preview shows how the Yxy color 54.5560, 0.3329, 0.3120 looks on a white background.

Color Contrast Check

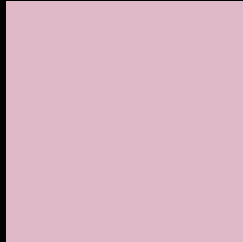
Large Text (above 18pt) WCAG AA × Fail

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 54.5560, 0.3329, 0.3120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

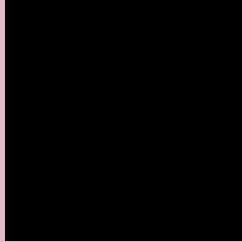
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.5560, 0.3329, 0.3120

Background



This preview shows how black text looks on a background with the Yxy color 54.5560, 0.3329, 0.3120.



This preview shows how white text looks on a background with the Yxy color 54.5560, 0.3329, 0.3120.

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

54.5560, 0.3329, 0.3120

Protanopia

54.7271, 0.3062, 0.3157

Deuteranopia

54.5158, 0.3240, 0.3173



Tritanopia

54.5094, 0.3337, 0.3131

Trichromacy



Original Color

54.5560, 0.3329, 0.3120

Protanomaly

54.6952, 0.3158, 0.3148

Deuteranomaly

54.6889, 0.3274, 0.3163

Tritanomaly

54.5094, 0.3337, 0.3131

Monochromacy



Original Color

54.5560, 0.3329, 0.3120

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

55.5288, 0.3195, 0.3219

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.5560, 0.3329, 0.3120 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, 200)` looks like.

```
.text, #text, p{  
    color:rgb(223, 185, 200)  
}
```

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, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 185, 200) }
```

Border

The CSS property to change the border of an element to Yxy 54.5560, 0.3329, 0.3120 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, 200) }
```

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

```
.border{ border-color:rgb(223, 185, 200) }
```

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, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 185, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 185, 200);  
box-shadow:4px 4px 4px 4px rgb(223, 185,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 54.5560, 0.3329, 0.3120 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, 200) }
```

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

```
.background{ background-color: rgb(223,  
185, 200) }
```

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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