

Converting Colors

Yxy(54.4510, 0.3349, 0.3221)

Have a look what the booklet for
Yxy(54.4510, 0.3349, 0.3221)
contains.

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Color

Yxy(54.4510, 0.3349, 0.3221)

Conversions

Conversions Part 1

Format	Color
Hex	DBBBC1
RGB	219, 187, 193
RGB Percent	86%, 73%, 76%
CMY	0.1411, 0.2667, 0.2431
CMYK	0.00, 0.15, 0.12, 0.14
HSL	349°, 31%, 80%
HSV	349°, 15%, 86%
XYZ	56.6148, 54.4510, 57.9841
YIQ	197.2520, 17.1460, 8.6500

Conversions

Conversions Part 2

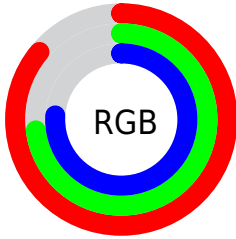
Format	Color
R _Y B	219, 187, 193
Decimal	14400449
CIE Lab	78.72, 12.40, 1.21
CIE LCh	79, 12.460, 5.554
Yxy	54.4510, 0.3349, 0.3221
Android (android.graphics.Color)	4292590529 (0xFFDBBBC1)
YUV	197.2520, -2.0962, 19.0730
Hunter-Lab	73.7909, 7.8170, 5.0642

Details

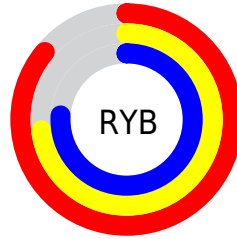
The Yxy color **54.4510, 0.3349, 0.3221** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **66.0429, 0.2943, 0.3360**, and the grayscale version is **56.0029, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.2007, 0.3169, 0.3232**, and **26.8362, 0.3405, 0.3199** is the 20% darker color. If you saturate the color by 10%, you get **45.1117, 0.3546, 0.3171**, and if you desaturate by 10%, it is **65.3078, 0.3190, 0.3269**.

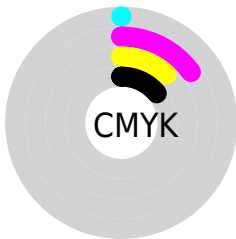
Distribution



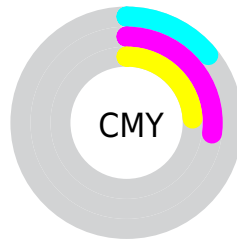
- Red (86%)
- Green (73%)
- Blue (76%)



- Red (86%)
- Yellow (73%)
- Blue (76%)



- Cyan (0%)
- Magenta (15%)
- Yellow (12%)
- Black (14%)





- Cyan (14%)
- Magenta (27%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.4510, 0.3349, 0.3221 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 54.4510, 0.3349, 0.3221 by changing the saturation by 10% instead.


 54.4510, 0.3349,
0.3221

 54.4510, 0.3349,
0.3221


403.8275, 0.3241,
0.3255

 38.9623, 0.3375,
0.3213


 96.7361, 0.3310,
0.3233

 26.7304, 0.3409,
0.3202


124.3014, 0.3295,
0.3238

 17.3709, 0.3452,
0.3188


156.6610, 0.3283,
0.3242

 10.4993, 0.3512,
0.3169

194.1992, 0.3272,
0.3245

 5.7312, 0.3599,
0.3140

237.3006, 0.3263,
0.3248

 2.6823, 0.3735,
0.3095

286.3496, 0.3255,

 0.9682, 0.3981,

0.3251

341.7304, 0.3247,
0.3253

0.3011

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.4510, 0.3349,
0.3221

54.4510, 0.3349,
0.3221

45.1117, 0.3546,
0.3171

65.3078, 0.3190,
0.3269

37.2153, 0.3788,
0.3119

77.7381, 0.3061,
0.3313

30.6918, 0.4082,
0.3071

91.8037, 0.2957,
0.3354

25.4624, 0.4431,
0.3031

93.8034, 0.2912,
0.3289

■ 21.4403, 0.4827,
0.3007

■ 18.5280, 0.5247,
0.3009

■ 16.6127, 0.5650,
0.3044

■ 15.5574, 0.5986,
0.3110

■ 15.2244, 0.6129,
0.3150

Harmonies

Analogous

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



54.4510, 0.3198, 0.3099



54.4510, 0.3349, 0.3221



54.4510, 0.3441, 0.3363

Triad

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



54.4510, 0.3349, 0.3221



54.4510, 0.3218, 0.3572



54.4510, 0.2818, 0.3080

Complementary

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



54.4510, 0.3349, 0.3221



66.0429, 0.2943, 0.3360

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.



54.4510, 0.2824, 0.3203



54.4510, 0.3349, 0.3221



54.4510, 0.3051, 0.3494

Square

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



54.4510, 0.3349, 0.3221



54.4510, 0.3363, 0.3570



54.4510, 0.2908, 0.3356



54.4510, 0.2893, 0.3016

Rectangle

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



54.4510, 0.3349, 0.3221



54.4510, 0.3454, 0.3452



54.4510, 0.2908, 0.3356



54.4510, 0.2811, 0.3116

Sweetspot

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



54.4534, 0.3349, 0.3221



93.1417, 0.3182, 0.3272



54.7437, 0.3093, 0.2925



19.6688, 0.3192, 0.3268



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.



54.4534, 0.3349, 0.3221



71.9574, 0.3414, 0.3203



58.4040, 0.3382, 0.3402



13.0913, 0.3262, 0.3246



9.0373, 0.6097, 0.3132



0.5974, 0.5655, 0.2889

Inverse Universe

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



54.4534, 0.3349, 0.3221



71.9574, 0.3414, 0.3203



61.4843, 0.2902, 0.3176



13.0913, 0.3262, 0.3246



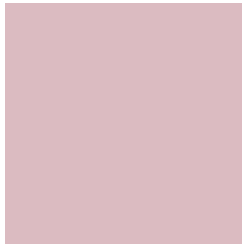
9.0373, 0.6097, 0.3132



0.5974, 0.5655, 0.2889

Previews

White Background



This preview shows how the Yxy color 54.4510, 0.3349, 0.3221 looks on a white background.

Color Contrast Check

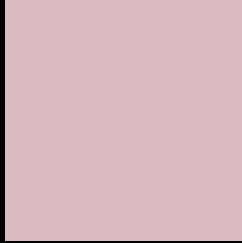
Large Text (above 18pt) WCAG AA × Fail

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 54.4510, 0.3349, 0.3221 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

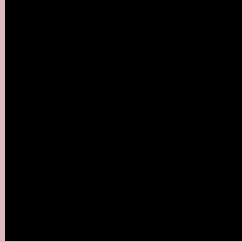
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.4510, 0.3349, 0.3221

Background



This preview shows how black text looks on a background with the Yxy color 54.4510, 0.3349, 0.3221.



This preview shows how white text looks on a background with the Yxy color 54.4510, 0.3349, 0.3221.

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

54.4510, 0.3349, 0.3221

Protanopia

54.6206, 0.3137, 0.3254

Deuteranopia

54.6925, 0.3312, 0.3244



Tritanopia

54.5036, 0.3302, 0.3130

Trichromacy



Original Color

54.4510, 0.3349, 0.3221

Protanomaly

54.3689, 0.3212, 0.3231

Deuteranomaly

54.4156, 0.3322, 0.3232

Tritanomaly

54.3647, 0.3326, 0.3164

Monochromacy



Original Color

54.4510, 0.3349, 0.3221

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

55.1046, 0.3202, 0.3254

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.4510, 0.3349, 0.3221 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(219, 187, 193)` looks like.

```
.text, #text, p{  
    color:rgb(219, 187, 193)  
}
```

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(219, 187, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 187, 193) }
```

Border

The CSS property to change the border of an element to Yxy 54.4510, 0.3349, 0.3221 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(219, 187, 193) }
```

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

```
.border{ border-color:rgb(219, 187, 193) }
```

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

Here you see how a box with a 4 pixel rgb(219, 187, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 187, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 187, 193);  
box-shadow:4px 4px 4px 4px rgb(219, 187,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 54.4510, 0.3349, 0.3221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 187, 193) }
```

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

```
.background{ background-color: rgb(219,  
187, 193) }
```

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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