

Converting Colors

Yxy(54.1789, 0.3283, 0.3131)

Have a look what the booklet for
Yxy(54.1789, 0.3283, 0.3131)
contains.

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Color

Yxy(54.1934, 0.3285, 0.3129)

Conversions

Conversions Part 1

Format	Color
Hex	DABAC8
RGB	218, 186, 200
RGB Percent	85%, 73%, 78%
CMY	0.1451, 0.2706, 0.2157
CMYK	0.00, 0.15, 0.08, 0.15
HSL	334°, 30%, 79%
HSV	334°, 15%, 85%
XYZ	56.8953, 54.1934, 62.1085
YIQ	197.1640, 14.5780, 11.1380

Conversions

Conversions Part 2

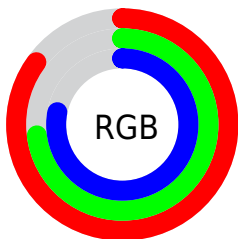
Format	Color
R_{YB}	218, 186, 200
Decimal	14334664
CIE _{Lab}	78.57, 13.74, -2.81
CIE _{LCh}	79, 14.024, 348.450
Yxy	54.1934, 0.3285, 0.3129
Android (android.graphics.Color)	4292524744 (0xFFDABAC8)
YUV	197.1640, 1.3981, 18.2732
Hunter-Lab	73.6162, 9.1279, 1.5095

Details

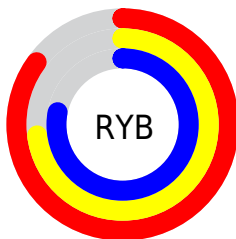
The Yxy color $54.1934, 0.3285, 0.3129$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $64.9360, 0.2993, 0.3457$, and the grayscale version is $55.9247, 0.3127, 0.3290$.

A 20% lighter version of the original color is $91.9843, 0.3133, 0.3165$, and $26.6369, 0.3329, 0.3092$ is the 20% darker color. If you saturate the color by 10%, you get $45.1500, 0.3421, 0.3013$, and if you desaturate by 10%, it is $64.6887, 0.3173, 0.3240$.

Distribution



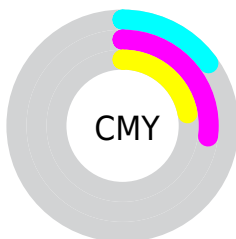
- Red (85%)
- Green (73%)
- Blue (78%)



- Red (85%)
- Yellow (73%)
- Blue (78%)



- Cyan (0%)
- Magenta (15%)
- Yellow (8%)
- Black (15%)





- Cyan (15%)
- Magenta (27%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.1934, 0.3285, 0.3129 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 54.1934, 0.3285, 0.3129 by changing the saturation by 10% instead.

 54.1934, 0.3285,
0.3129

 54.1934, 0.3285,
0.3129

402.8471, 0.3209,
0.3207

 38.7563, 0.3303,
0.3110


 96.3582, 0.3258,
0.3157

 26.5702, 0.3327,
0.3087


123.8546, 0.3247,
0.3167

 17.2507, 0.3357,
0.3057


156.1396, 0.3238,
0.3176

 10.4134, 0.3398,
0.3016

193.5976, 0.3231,
0.3184

 5.6739, 0.3458,
0.2957

236.6129, 0.3224,
0.3191

 2.6478, 0.3550,
0.2867

285.5700, 0.3218,

 0.9508, 0.3713,

0.3197

0.2710

340.8533, 0.3213,
0.3202

0.0000, 0.8834,
0.0000

0.0000, 0.0000,
0.0000

54.1934, 0.3285,
0.3129

54.1934, 0.3285,
0.3129

45.1500, 0.3421,
0.3013

64.6887, 0.3173,
0.3240

37.4869, 0.3585,
0.2894

76.6889, 0.3080,
0.3345

31.1372, 0.3779,
0.2780

90.2532, 0.3004,
0.3441

26.0257, 0.4006,
0.2677

93.2654, 0.2937,
0.3350

■ 22.0694, 0.4262,
0.2598

■ 93.6436, 0.2906,
0.3289

■ 19.1749, 0.4541,
0.2555

■ 17.2342, 0.4828,
0.2559

■ 16.1156, 0.5106,
0.2618

■ 15.7373, 0.5248,
0.2665

Harmonies

Analogous

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



54.1934, 0.3097, 0.3020



54.1934, 0.3285, 0.3129



54.1934, 0.3433, 0.3280

Triad

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



54.1934, 0.3285, 0.3129



54.1934, 0.3329, 0.3619



54.1934, 0.2772, 0.3125

Complementary

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



54.1934, 0.3285, 0.3129



64.9360, 0.2993, 0.3457

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.



54.1934, 0.2830, 0.3289



54.1934, 0.3285, 0.3129



54.1934, 0.3148, 0.3582

Square

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



54.1934, 0.3285, 0.3129



54.1934, 0.3457, 0.3563



54.1934, 0.2966, 0.3459



54.1934, 0.2805, 0.3013

Rectangle

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



54.1934, 0.3285, 0.3129



54.1934, 0.3486, 0.3387



54.1934, 0.2966, 0.3459



54.1934, 0.2781, 0.3176

Sweetspot

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



54.1958, 0.3285, 0.3129



93.2999, 0.3166, 0.3247



52.9637, 0.3029, 0.2916



19.7088, 0.3174, 0.3239



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.



54.1958, 0.3285, 0.3129



72.5778, 0.3330, 0.3089



54.2485, 0.3396, 0.3309



13.1457, 0.3223, 0.3188



9.4503, 0.5211, 0.2645



0.6294, 0.4804, 0.2420

Inverse Universe

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



54.1958, 0.3285, 0.3129



72.5778, 0.3330, 0.3089



64.8129, 0.2905, 0.3271



13.1457, 0.3223, 0.3188



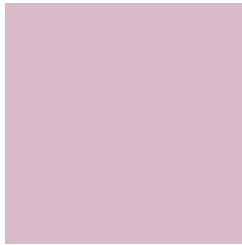
9.4503, 0.5211, 0.2645



0.6294, 0.4804, 0.2420

Previews

White Background



This preview shows how the Yxy color 54.1934, 0.3285, 0.3129 looks on a white background.

Color Contrast Check

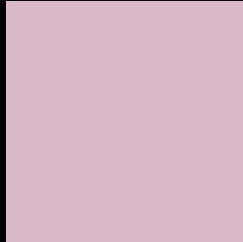
Large Text (above 18pt) WCAG AA × Fail

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 54.1934, 0.3285, 0.3129 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

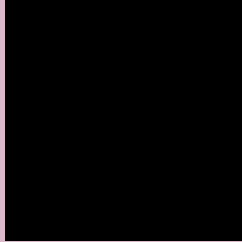
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.1934, 0.3285, 0.3129

Background



This preview shows how black text looks on a background with the Yxy color 54.1934, 0.3285, 0.3129.



This preview shows how white text looks on a background with the Yxy color 54.1934, 0.3285, 0.3129.

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

54.1934, 0.3285, 0.3129

Protanopia

54.1017, 0.3062, 0.3157

Deuteranopia

54.4142, 0.3224, 0.3161



Tritanopia

54.1934, 0.3285, 0.3129

Trichromacy



Original Color

54.1934, 0.3285, 0.3129

Protanomaly

53.8352, 0.3134, 0.3135

Deuteranomaly

54.4327, 0.3250, 0.3151

Tritanomaly

54.1934, 0.3285, 0.3129

Monochromacy



Original Color

54.1934, 0.3285, 0.3129

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

55.1963, 0.3186, 0.3231

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.1934, 0.3285, 0.3129 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(218, 186, 200)` looks like.

```
.text, #text, p{  
    color:rgb(218, 186, 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(218, 186, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 186, 200) }
```

Border

The CSS property to change the border of an element to Yxy 54.1934, 0.3285, 0.3129 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(218, 186, 200) }
```

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

```
.border{ border-color:rgb(218, 186, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 186, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(218, 186, 200); -webkit-box-shadow:4px 4px 4px 4px rgb(218, 186, 200); box-shadow:4px 4px 4px 4px rgb(218, 186, 200) }
```


Background

The CSS property to change the background color of an element to Yxy 54.1934, 0.3285, 0.3129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 186, 200) }
```

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

```
.background{ background-color: rgb(218,  
186, 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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