

Converting Colors

$Yxy(54.5740, 0.3238, 0.3084)$

Have a look what the booklet for
Yxy(54.5740, 0.3238, 0.3084)
contains.

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Color

Yxy(54.7001, 0.3236, 0.3084)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | D9BBCD |
| RGB | 217, 187, 205 |
| RGB Percent | 85%, 73%, 80% |
| CMY | 0.1491, 0.2666, 0.1962 |
| CMYK | 0.00, 0.14, 0.06, 0.15 |
| HSL | 324°, 28%, 79% |
| HSV | 324°, 14%, 85% |
| XYZ | 57.3961, 54.7001, 65.2712 |
| YIQ | 198.0220, 12.1020, 11.9580 |

Conversions

Conversions Part 2

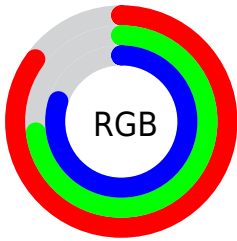
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 217, 187, 205 |
| Decimal | 14269389 |
| CIE Lab | 78.87, 13.71, -5.07 |
| CIE LCh | 79, 14.614, 339.700 |
| Yxy | 54.7001, 0.3236, 0.3084 |
| Android (android.graphics.Color) | 4292459469 (0xFFD9BBCD) |
| YUV | 198.0220, 3.4402, 16.6437 |
| Hunter-Lab | 73.9595, 9.0953, -0.5533 |

Details

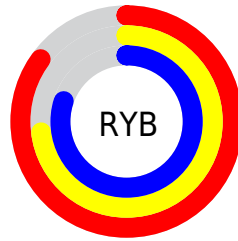
The Yxy color **54.7001, 0.3236, 0.3084** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **64.3040, 0.3032, 0.3505**, and the grayscale version is **56.4582, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.5812, 0.3133, 0.3175**, and **26.9659, 0.3262, 0.3032** is the 20% darker color. If you saturate the color by 10%, you get **45.7720, 0.3333, 0.2927**, and if you desaturate by 10%, it is **65.0472, 0.3155, 0.3235**.

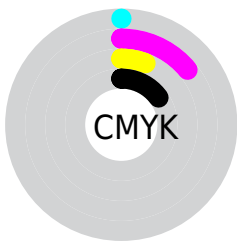
Distribution



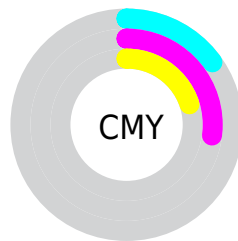
- Red (85%)
- Green (73%)
- Blue (80%)



- Red (85%)
- Yellow (73%)
- Blue (80%)



- Cyan (0%)
- Magenta (14%)
- Yellow (6%)
- Black (15%)





- Cyan (15%)
- Magenta (27%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.7001, 0.3236, 0.3084 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 54.7001, 0.3236, 0.3084 by changing the saturation by 10% instead.


 54.7001, 0.3236,
0.3084

 54.7001, 0.3236,
0.3084

404.7741, 0.3184,
0.3183

 39.1617, 0.3248,
0.3061


 97.1014, 0.3218,
0.3119

 26.8855, 0.3264,
0.3031


124.7331, 0.3210,
0.3132

 17.4873, 0.3284,
0.2993


157.1646, 0.3204,
0.3144

 10.5825, 0.3311,
0.2942

194.7804, 0.3199,
0.3154

 5.7868, 0.3350,
0.2870

237.9649, 0.3195,
0.3162

 2.7159, 0.3408,
0.2760

287.1024, 0.3191,

 0.9853, 0.3509,

0.3170

0.2573

342.5773, 0.3187,
0.3177

0.0000, 0.4971,
0.0000

0.0000, 0.0000,
0.0000

54.7001, 0.3236,
0.3084

54.7001, 0.3236,
0.3084

45.7720, 0.3333,
0.2927

65.0472, 0.3155,
0.3235

38.1932, 0.3447,
0.2769

76.8648, 0.3087,
0.3377

31.8988, 0.3580,
0.2614

90.2105, 0.3030,
0.3510

26.8156, 0.3731,
0.2473

92.5441, 0.2982,
0.3447

■ 22.8631, 0.3899,
0.2355

■ 93.0726, 0.2935,
0.3356

■ 19.9510, 0.4079,
0.2273

■ 93.4878, 0.2900,
0.3289

■ 17.9748, 0.4265,
0.2238

■ 16.8079, 0.4449,
0.2255

■ 16.3603, 0.4561,
0.2286

Harmonies

Analogous

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



54.7001, 0.3039, 0.2988



54.7001, 0.3236, 0.3084



54.7001, 0.3407, 0.3231

Triad

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



54.7001, 0.3236, 0.3084



54.7001, 0.3383, 0.3624



54.7001, 0.2766, 0.3164

Complementary

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



54.7001, 0.3236, 0.3084



64.3040, 0.3032, 0.3505

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.



54.7001, 0.2852, 0.3342



54.7001, 0.3236, 0.3084



54.7001, 0.3206, 0.3615

Square

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



54.7001, 0.3236, 0.3084



54.7001, 0.3493, 0.3541



54.7001, 0.3012, 0.3510



54.7001, 0.2773, 0.3029

Rectangle

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



54.7001, 0.3236, 0.3084



54.7001, 0.3481, 0.3342



54.7001, 0.3012, 0.3510



54.7001, 0.2785, 0.3221

Sweetspot

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



54.7025, 0.3236, 0.3084



93.4034, 0.3156, 0.3231



52.6990, 0.3000, 0.2936



19.7349, 0.3162, 0.3220



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.



54.7025, 0.3236, 0.3084



74.3234, 0.3267, 0.3032



54.0145, 0.3356, 0.3256



13.1819, 0.3199, 0.3151



9.9277, 0.4536, 0.2272



0.6600, 0.4262, 0.2121

Inverse Universe

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



54.7025, 0.3236, 0.3084



74.3234, 0.3267, 0.3032



65.0334, 0.2937, 0.3325



13.1819, 0.3199, 0.3151



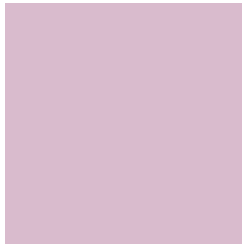
9.9277, 0.4536, 0.2272



0.6600, 0.4262, 0.2121

Previews

White Background



This preview shows how the Yxy color 54.7001, 0.3236, 0.3084 looks on a white background.

Color Contrast Check

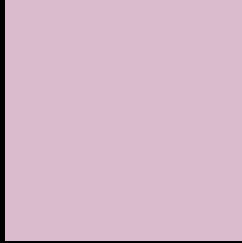
Large Text (above 18pt) WCAG AA × Fail

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 54.7001, 0.3236, 0.3084 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

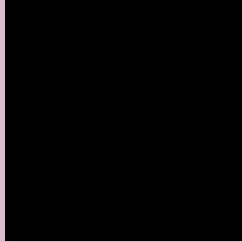
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.7001, 0.3236, 0.3084

Background



This preview shows how black text looks on a background with the Yxy color 54.7001, 0.3236, 0.3084.



This preview shows how white text looks on a background with the Yxy color 54.7001, 0.3236, 0.3084.

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

54.7001, 0.3236, 0.3084

Protanopia

54.7891, 0.3026, 0.3110

Deuteranopia

54.8882, 0.3184, 0.3127



Tritanopia

54.5566, 0.3260, 0.3117

Trichromacy



Original Color

54.7001, 0.3236, 0.3084

Protanomaly

54.5122, 0.3096, 0.3089

Deuteranomaly

54.9010, 0.3209, 0.3116

Tritanomaly

54.6042, 0.3252, 0.3106

Monochromacy



Original Color

54.7001, 0.3236, 0.3084

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

55.7798, 0.3163, 0.3207

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.7001, 0.3236, 0.3084 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(217, 187, 205)` looks like.

```
.text, #text, p{  
    color:rgb(217, 187, 205)  
}
```

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(217, 187, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 187, 205) }
```

Border

The CSS property to change the border of an element to Yxy 54.7001, 0.3236, 0.3084 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(217, 187, 205) }
```

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

```
.border{ border-color:rgb(217, 187, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 187, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 187, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 187, 205);  
box-shadow:4px 4px 4px 4px rgb(217, 187,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 54.7001, 0.3236, 0.3084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 187, 205) }
```

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

```
.background{ background-color: rgb(217,  
187, 205) }
```

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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