

Converting Colors

Yxy(53.9355, 0.3353, 0.3094)

Have a look what the booklet for
Yxy(53.9355, 0.3353, 0.3094)
contains.

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Color

Yxy(54.0447, 0.3348, 0.3098)

Conversions

Conversions Part 1

Format	Color
Hex	E1B7C8
RGB	225, 183, 200
RGB Percent	88%, 72%, 78%
CMY	0.1177, 0.2823, 0.2157
CMYK	0.00, 0.19, 0.11, 0.12
HSL	336°, 41%, 80%
HSV	336°, 19%, 88%
XYZ	58.4060, 54.0447, 61.9996
YIQ	197.4960, 19.5750, 14.1910

Conversions

Conversions Part 2

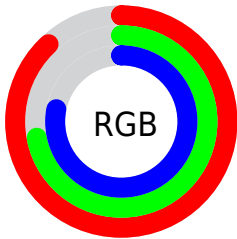
Format	Color
R _Y B	225, 183, 200
Decimal	14792648
CIE Lab	78.49, 17.81, -2.86
CIE LCh	78, 18.039, 350.877
Yxy	54.0447, 0.3348, 0.3098
Android (android.graphics.Color)	4292982728 (0xFFE1B7C8)
YUV	197.4960, 1.2345, 24.1210
Hunter-Lab	73.5151, 13.1625, 1.4578

Details

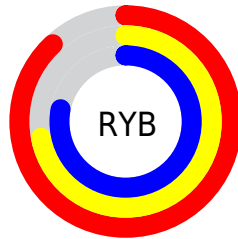
The Yxy color **54.0447, 0.3348, 0.3098** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.4624, 0.2949, 0.3491**, and the grayscale version is **56.1345, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.2130, 0.3134, 0.3136**, and **26.4756, 0.3404, 0.3052** is the 20% darker color. If you saturate the color by 10%, you get **44.8964, 0.3504, 0.2989**, and if you desaturate by 10%, it is **64.7361, 0.3220, 0.3204**.

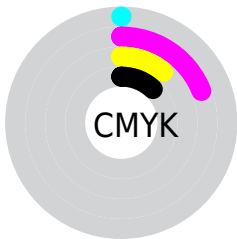
Distribution



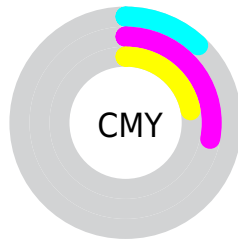
- Red (88%)
- Green (72%)
- Blue (78%)



- Red (88%)
- Yellow (72%)
- Blue (78%)



- Cyan (0%)
- Magenta (19%)
- Yellow (11%)
- Black (12%)




- Cyan (12%)
- Magenta (28%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.0447, 0.3348, 0.3098 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 54.0447, 0.3348, 0.3098 by changing the saturation by 10% instead.


 54.0447, 0.3348,
0.3098

 54.0447, 0.3348,
0.3098


402.2804, 0.3241,
0.3191

 38.6374, 0.3374,
0.3076


 96.1399, 0.3310,
0.3131

 26.4778, 0.3406,
0.3048


123.5965, 0.3295,
0.3143

 17.1814, 0.3449,
0.3012


155.8384, 0.3283,
0.3154

 10.3639, 0.3507,
0.2963

193.2500, 0.3272,
0.3163

 5.6409, 0.3590,
0.2894

236.2156, 0.3263,
0.3172

 2.6280, 0.3720,
0.2787

285.1196, 0.3255,

 0.9408, 0.3949,

0.3179

0.2602

340.3464, 0.3247,
0.3185

0.0000, 0.9397,
0.0000

0.0000, 0.0000,
0.0000

54.0447, 0.3348,
0.3098

54.0447, 0.3348,
0.3098

44.8964, 0.3504,
0.2989

64.7361, 0.3220,
0.3204

37.2122, 0.3691,
0.2879

77.0303, 0.3114,
0.3303

30.9170, 0.3913,
0.2777

90.9927, 0.3028,
0.3395

25.9262, 0.4170,
0.2690

94.6521, 0.2954,
0.3304

■ 22.1456, 0.4456,
0.2631

■ 94.7445, 0.2946,
0.3289

■ 19.4685, 0.4762,
0.2613

■ 17.7690, 0.5067,
0.2647

■ 16.8587, 0.5352,
0.2730

■ 16.7615, 0.5389,
0.2742

Harmonies

Analogous

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



54.0447, 0.3107, 0.2954



54.0447, 0.3348, 0.3098



54.0447, 0.3533, 0.3291

Triad

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



54.0447, 0.3348, 0.3098



54.0447, 0.3368, 0.3716



54.0447, 0.2672, 0.3061

Complementary

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



54.0447, 0.3348, 0.3098



68.4624, 0.2949, 0.3491

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.



54.0447, 0.2736, 0.3268



54.0447, 0.3348, 0.3098



54.0447, 0.3133, 0.3660

Square

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



54.0447, 0.3348, 0.3098



54.0447, 0.3543, 0.3650



54.0447, 0.2902, 0.3492



54.0447, 0.2723, 0.2927

Rectangle

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



54.0447, 0.3348, 0.3098



54.0447, 0.3596, 0.3427



54.0447, 0.2902, 0.3492



54.0447, 0.2681, 0.3124

Sweetspot

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



54.0471, 0.3348, 0.3098



90.0511, 0.3190, 0.3230



52.6441, 0.3009, 0.2808



19.0531, 0.3197, 0.3224



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.



54.0471, 0.3348, 0.3098



67.3141, 0.3399, 0.3060



54.7570, 0.3484, 0.3331



13.7921, 0.3229, 0.3195



9.6823, 0.5350, 0.2721



0.6885, 0.4945, 0.2498

Inverse Universe

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



54.0471, 0.3348, 0.3098



67.3141, 0.3399, 0.3060



67.4727, 0.2846, 0.3248



13.7921, 0.3229, 0.3195



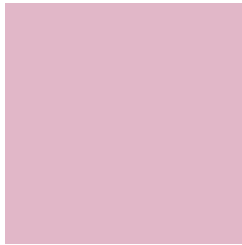
9.6823, 0.5350, 0.2721



0.6885, 0.4945, 0.2498

Previews

White Background



This preview shows how the Yxy color 54.0447, 0.3348, 0.3098 looks on a white background.

Color Contrast Check

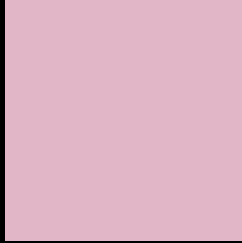
Large Text (above 18pt) WCAG AA × Fail

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 54.0447, 0.3348, 0.3098 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

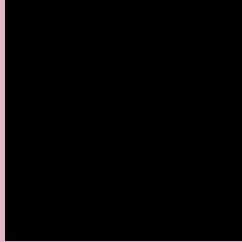
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.0447, 0.3348, 0.3098

Background



This preview shows how black text looks on a background with the Yxy color 54.0447, 0.3348, 0.3098.



This preview shows how white text looks on a background with the Yxy color 54.0447, 0.3348, 0.3098.

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

54.0447, 0.3348, 0.3098

Protanopia

54.0655, 0.3040, 0.3133

Deuteranopia

53.9388, 0.3232, 0.3161



Tritanopia

53.9517, 0.3365, 0.3120

Trichromacy



Original Color

54.0447, 0.3348, 0.3098

Protanomaly

53.7340, 0.3144, 0.3112

Deuteranomaly

53.8403, 0.3276, 0.3140

Tritanomaly

53.9980, 0.3356, 0.3109

Monochromacy



Original Color

54.0447, 0.3348, 0.3098

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

55.0419, 0.3204, 0.3219

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.0447, 0.3348, 0.3098 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(225, 183, 200)` looks like.

```
.text, #text, p{  
    color:rgb(225, 183, 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(225, 183, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 183, 200) }
```

Border

The CSS property to change the border of an element to Yxy 54.0447, 0.3348, 0.3098 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(225, 183, 200) }
```

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

```
.border{ border-color:rgb(225, 183, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 183, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 183, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 183, 200);  
box-shadow:4px 4px 4px 4px rgb(225, 183,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 54.0447, 0.3348, 0.3098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 183, 200) }
```

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

```
.background{ background-color: rgb(225,  
183, 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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