

Converting Colors

Yxy(54.4181, 0.3315, 0.3218)

Have a look what the booklet for
Yxy(54.4181, 0.3315, 0.3218)
contains.

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Color

Yxy(54.4604, 0.3314, 0.3221)

Conversions

Conversions Part 1

Format	Color
Hex	D8BCC2
RGB	216, 188, 194
RGB Percent	85%, 74%, 76%
CMY	0.1530, 0.2627, 0.2393
CMYK	0.00, 0.13, 0.10, 0.15
HSL	347°, 26%, 79%
HSV	347°, 13%, 85%
XYZ	56.0328, 54.4604, 58.5859
YIQ	197.0560, 14.7620, 7.8020

Conversions

Conversions Part 2

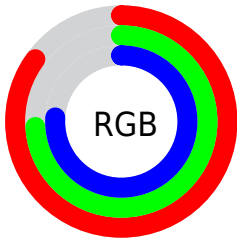
Format	Color
RYB	216, 188, 194
Decimal	14204098
CIELab	78.73, 10.93, 0.66
CIELCh	79, 10.952, 3.437
Yxy	54.4604, 0.3314, 0.3221
Android (android.graphics.Color)	4292394178 (0xFFD8BCC2)
YUV	197.0560, -1.5066, 16.6139
Hunter-Lab	73.7973, 6.3863, 4.5892

Details

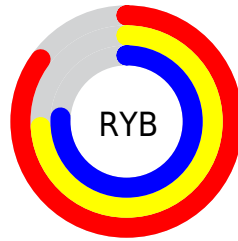
The Yxy color **54.4604, 0.3314, 0.3221** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.4474, 0.2968, 0.3360**, and the grayscale version is **55.8724, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.8635, 0.3162, 0.3232**, and **26.7985, 0.3369, 0.3213** is the 20% darker color. If you saturate the color by 10%, you get **45.1941, 0.3498, 0.3164**, and if you desaturate by 10%, it is **65.1997, 0.3165, 0.3275**.

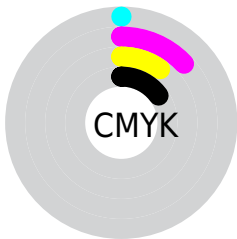
Distribution



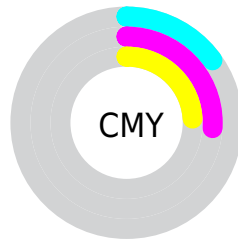
- Red (85%)
- Green (74%)
- Blue (76%)



- Red (85%)
- Yellow (74%)
- Blue (76%)



- Cyan (0%)
- Magenta (13%)
- Yellow (10%)
- Black (15%)





- Cyan (15%)
- Magenta (26%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.4604, 0.3314, 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 54.4604, 0.3314, 0.3221 by changing the saturation by 10% instead.

 54.4604, 0.3314,
0.3221

 54.4604, 0.3314,
0.3221


403.8632, 0.3223,
0.3255

 38.9699, 0.3336,
0.3213


 96.7499, 0.3281,
0.3233

 26.7363, 0.3364,
0.3202


124.3177, 0.3269,
0.3238

 17.3753, 0.3401,
0.3188


156.6800, 0.3258,
0.3242

 10.5024, 0.3451,
0.3169

194.2212, 0.3249,
0.3245

 5.7333, 0.3524,
0.3142

237.3257, 0.3241,
0.3248

 2.6836, 0.3638,
0.3098

286.3780, 0.3235,

 0.9689, 0.3845,

0.3251

0.3018

341.7624, 0.3228,
0.3253

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.4604, 0.3314,
0.3221

54.4604, 0.3314,
0.3221

45.1941, 0.3498,
0.3164

65.1997, 0.3165,
0.3275

37.3295, 0.3724,
0.3106

77.4648, 0.3045,
0.3325

30.8002, 0.3999,
0.3050

91.3150, 0.2947,
0.3370

25.5316, 0.4326,
0.3002

93.3355, 0.2894,
0.3289

■ 21.4416, 0.4701,
0.2969

■ 18.4385, 0.5106,
0.2963

■ 16.4169, 0.5508,
0.2990

■ 15.2499, 0.5860,
0.3055

■ 14.7934, 0.6061,
0.3112

Harmonies

Analogous

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



54.4604, 0.3179, 0.3115



54.4604, 0.3314, 0.3221



54.4604, 0.3399, 0.3346

Triad

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



54.4604, 0.3314, 0.3221



54.4604, 0.3217, 0.3540



54.4604, 0.2853, 0.3112

Complementary

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



54.4604, 0.3314, 0.3221



64.4474, 0.2968, 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.



54.4604, 0.2863, 0.3224



54.4604, 0.3314, 0.3221



54.4604, 0.3071, 0.3475

Square

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



54.4604, 0.3314, 0.3221



54.4604, 0.3342, 0.3533



54.4604, 0.2942, 0.3358



54.4604, 0.2914, 0.3051

Rectangle

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



54.4604, 0.3314, 0.3221



54.4604, 0.3415, 0.3426



54.4604, 0.2942, 0.3358



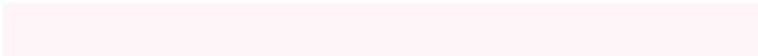
54.4604, 0.2848, 0.3145

Sweetspot

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



54.4628, 0.3314, 0.3221



93.1578, 0.3180, 0.3269



54.6196, 0.3093, 0.2968



19.6729, 0.3190, 0.3265



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.



54.4628, 0.3314, 0.3221



74.7770, 0.3369, 0.3203



57.6790, 0.3350, 0.3383



12.4637, 0.3258, 0.3240



8.7712, 0.6026, 0.3093



0.5415, 0.5537, 0.2824

Inverse Universe

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



54.4628, 0.3314, 0.3221



74.7770, 0.3369, 0.3203



60.7887, 0.2928, 0.3195



12.4637, 0.3258, 0.3240



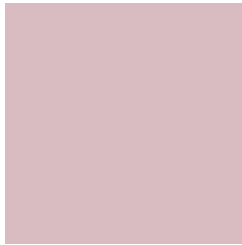
8.7712, 0.6026, 0.3093



0.5415, 0.5537, 0.2824

Previews

White Background



This preview shows how the Yxy color 54.4604, 0.3314, 0.3221 looks on a white background.

Color Contrast Check

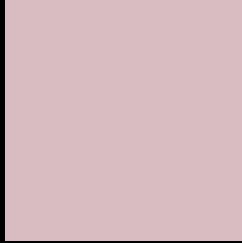
Large Text (above 18pt) WCAG AA × Fail

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 54.4604, 0.3314, 0.3221 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

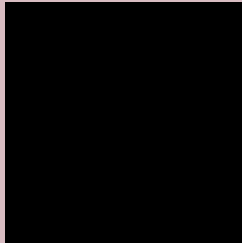
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.4604, 0.3314, 0.3221

Background



This preview shows how black text looks on a background with the Yxy color 54.4604, 0.3314, 0.3221.



This preview shows how white text looks on a background with the Yxy color 54.4604, 0.3314, 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

54.4604, 0.3314, 0.3221

Protanopia

54.6206, 0.3137, 0.3254

Deuteranopia

54.5864, 0.3296, 0.3232



Tritanopia

54.5094, 0.3268, 0.3129

Trichromacy



Original Color

54.4604, 0.3314, 0.3221

Protanomaly

54.6639, 0.3203, 0.3243

Deuteranomaly

54.7373, 0.3304, 0.3232

Tritanomaly

54.3696, 0.3292, 0.3163

Monochromacy



Original Color

54.4604, 0.3314, 0.3221

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

55.4065, 0.3193, 0.3266

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.4604, 0.3314, 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(216, 188, 194)` looks like.

```
.text, #text, p{  
    color:rgb(216, 188, 194)  
}
```

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(216, 188, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 188, 194) }
```

Border

The CSS property to change the border of an element to Yxy 54.4604, 0.3314, 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(216, 188, 194) }
```

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

```
.border{ border-color:rgb(216, 188, 194) }
```

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

Here you see how a box with a 4 pixel rgb(216, 188, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 188, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 188, 194);  
box-shadow:4px 4px 4px 4px rgb(216, 188,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 54.4604, 0.3314, 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(216, 188, 194) }
```

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

```
.background{ background-color: rgb(216,  
188, 194) }
```

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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