

Converting Colors

$Y_{xy}(52.4589, 0.3416, 0.3221)$

Have a look what the booklet for
Yxy(52.4589, 0.3416, 0.3221)
contains.

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Color

Yxy(52.4589, 0.3416, 0.3221)

Conversions

Conversions Part 1

Format	Color
Hex	DDB6BC
RGB	221, 182, 188
RGB Percent	87%, 71%, 74%
CMY	0.1331, 0.2863, 0.2627
CMYK	0.00, 0.18, 0.15, 0.13
HSL	351°, 37%, 79%
HSV	351°, 18%, 87%
XYZ	55.6348, 52.4589, 54.7716
YIQ	194.3450, 21.3180, 10.1340

Conversions

Conversions Part 2

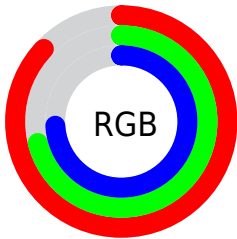
Format	Color
RYB	221, 182, 188
Decimal	14530236
CIELab	77.55, 15.00, 2.24
CIELCh	78, 15.168, 8.494
Yxy	52.4589, 0.3416, 0.3221
Android (android.graphics.Color)	4292720316 (0xFFDDB6BC)
YUV	194.3450, -3.1281, 23.3764
Hunter-Lab	72.4285, 10.3619, 5.8639

Details

The Yxy color **52.4589, 0.3416, 0.3221** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **66.5898, 0.2898, 0.3360**, and the grayscale version is **54.1767, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.9407, 0.3203, 0.3232**, and **25.4491, 0.3487, 0.3199** is the 20% darker color. If you saturate the color by 10%, you get **43.3565, 0.3635, 0.3179**, and if you desaturate by 10%, it is **63.0996, 0.3239, 0.3261**.

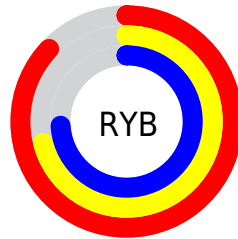
Distribution



Red (87%)

Green (71%)

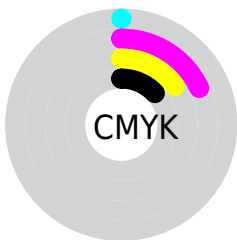
Blue (74%)



Red (87%)

Yellow (71%)

Blue (74%)

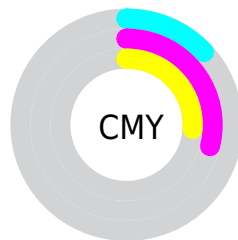


Cyan (0%)

Magenta (18%)

Yellow (15%)

Black (13%)



Cyan (13%)

Magenta (29%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.4589, 0.3416, 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 52.4589, 0.3416, 0.3221 by changing the saturation by 10% instead.


 52.4589, 0.3416,
0.3221

 52.4589, 0.3416,
0.3221

396.2057, 0.3274,
0.3256

 37.3710, 0.3451,
0.3212


 93.8077, 0.3365,
0.3234

 25.4949, 0.3495,
0.3201


120.8373, 0.3346,
0.3238

 16.4461, 0.3553,
0.3186


152.6163, 0.3329,
0.3242

 9.8404, 0.3634,
0.3165

189.5291, 0.3315,
0.3246

 5.2933, 0.3751,
0.3134

231.9600, 0.3303,
0.3249

 2.4203, 0.3938,
0.3082

280.2935, 0.3292,

 0.8363, 0.4307,

0.3251

0.2994

334.9139, 0.3282,
0.3254

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

52.4589, 0.3416,
0.3221

52.4589, 0.3416,
0.3221

43.3565, 0.3635,
0.3179

63.0996, 0.3239,
0.3261

35.7143, 0.3905,
0.3138

75.3377, 0.3097,
0.3298

29.4584, 0.4231,
0.3100

89.2379, 0.2982,
0.3333

24.5053, 0.4612,
0.3072

94.1197, 0.2923,
0.3289

■ 20.7625, 0.5035,
0.3061

■ 18.1255, 0.5468,
0.3074

■ 16.4717, 0.5858,
0.3115

■ 15.6340, 0.6151,
0.3179

■ 15.4955, 0.6206,
0.3192

Harmonies

Analogous

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



52.4589, 0.3233, 0.3068



52.4589, 0.3416, 0.3221



52.4589, 0.3520, 0.3395

Triad

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



52.4589, 0.3416, 0.3221



52.4589, 0.3218, 0.3635



52.4589, 0.2753, 0.3019

Complementary

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



52.4589, 0.3416, 0.3221



66.5898, 0.2898, 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.



52.4589, 0.2750, 0.3164



52.4589, 0.3416, 0.3221



52.4589, 0.3014, 0.3528

Square

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



52.4589, 0.3416, 0.3221



52.4589, 0.3403, 0.3640



52.4589, 0.2844, 0.3352



52.4589, 0.2852, 0.2951

Rectangle

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



52.4589, 0.3416, 0.3221



52.4589, 0.3529, 0.3503



52.4589, 0.2844, 0.3352



52.4589, 0.2740, 0.3060

Sweetspot

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



52.4613, 0.3416, 0.3221



91.4578, 0.3199, 0.3271



53.0508, 0.3095, 0.2847



19.3286, 0.3209, 0.3269



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.



52.4613, 0.3416, 0.3221



67.8815, 0.3487, 0.3207



57.7901, 0.3441, 0.3441



13.0841, 0.3268, 0.3254



9.0077, 0.6177, 0.3176



0.5940, 0.5772, 0.2953

Inverse Universe

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



52.4613, 0.3416, 0.3221



67.8815, 0.3487, 0.3207



60.2918, 0.2854, 0.3134



13.0841, 0.3268, 0.3254



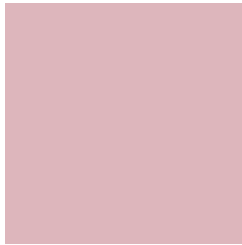
9.0077, 0.6177, 0.3176



0.5940, 0.5772, 0.2953

Previews

White Background



This preview shows how the Yxy color 52.4589, 0.3416, 0.3221 looks on a white background.

Color Contrast Check

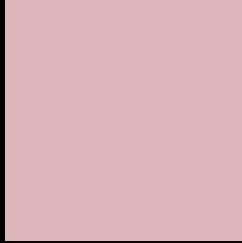
Large Text (above 18pt) WCAG AA × Fail

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 52.4589, 0.3416, 0.3221 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

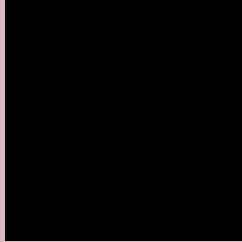
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.4589, 0.3416, 0.3221

Background



This preview shows how black text looks on a background with the Yxy color 52.4589, 0.3416, 0.3221.



This preview shows how white text looks on a background with the Yxy color 52.4589, 0.3416, 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

52.4589, 0.3416, 0.3221

Protanopia

52.7140, 0.3145, 0.3265

Deuteranopia

52.7027, 0.3340, 0.3279



Tritanopia

52.5175, 0.3367, 0.3130

Trichromacy



Original Color

52.4589, 0.3416, 0.3221

Protanomaly

52.5654, 0.3237, 0.3254

Deuteranomaly

52.7329, 0.3367, 0.3267

Tritanomaly

52.3831, 0.3392, 0.3164

Monochromacy



Original Color

52.4589, 0.3416, 0.3221

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

53.4701, 0.3227, 0.3266

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.4589, 0.3416, 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(221, 182, 188)` looks like.

```
.text, #text, p{  
    color:rgb(221, 182, 188)  
}
```

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(221, 182, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 182, 188) }
```

Border

The CSS property to change the border of an element to Yxy 52.4589, 0.3416, 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(221, 182, 188) }
```

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

```
.border{ border-color:rgb(221, 182, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 182, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 182, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 182, 188); box-shadow:4px 4px 4px 4px rgb(221, 182, 188) }
```


Background

The CSS property to change the background color of an element to Yxy 52.4589, 0.3416, 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(221, 182, 188) }
```

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

```
.background{ background-color: rgb(221,  
182, 188) }
```

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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