

Converting Colors

Yxy(52.5107, 0.3369, 0.3244)

Have a look what the booklet for
Yxy(52.5107, 0.3369, 0.3244)
contains.

Yxy(52.5107, 0.3369, 0.3244)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(52.5107, 0.3369, 0.3244)

Conversions

Conversions Part 1

Format	Color
Hex	D8B8BC
RGB	216, 184, 188
RGB Percent	85%, 72%, 74%
CMY	0.1529, 0.2784, 0.2628
CMYK	0.00, 0.15, 0.13, 0.15
HSL	353°, 29%, 78%
HSV	353°, 15%, 85%
XYZ	54.5341, 52.5107, 54.8254
YIQ	194.0240, 17.7880, 8.0280

Conversions

Conversions Part 2

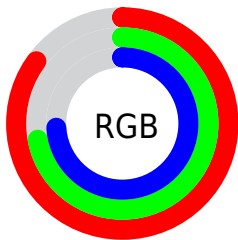
Format	Color
RYB	216, 184, 188
Decimal	14203068
CIELab	77.59, 12.09, 2.24
CIELCh	78, 12.298, 10.501
Yxy	52.5107, 0.3369, 0.3244
Android (android.graphics.Color)	4292393148 (0xFFD8B8BC)
YUV	194.0240, -2.9698, 19.2730
Hunter-Lab	72.4643, 7.5204, 5.8670

Details

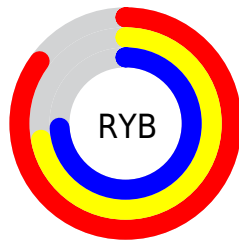
The Yxy color **52.5107, 0.3369, 0.3244** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **64.0574, 0.2928, 0.3337**, and the grayscale version is **53.9742, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.1118, 0.3202, 0.3251**, and **25.5589, 0.3434, 0.3228** is the 20% darker color. If you saturate the color by 10%, you get **43.4503, 0.3582, 0.3211**, and if you desaturate by 10%, it is **63.0529, 0.3197, 0.3276**.

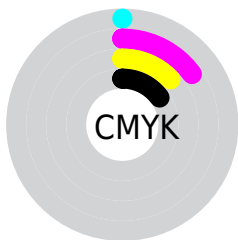
Distribution



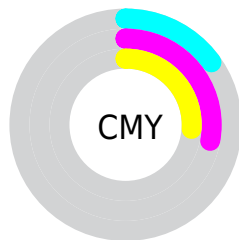
- Red (85%)
- Green (72%)
- Blue (74%)



- Red (85%)
- Yellow (72%)
- Blue (74%)



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





- Cyan (15%)
- Magenta (28%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.5107, 0.3369, 0.3244 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 52.5107, 0.3369, 0.3244 by changing the saturation by 10% instead.


 52.5107, 0.3369,
0.3244

 52.5107, 0.3369,
0.3244


396.4050, 0.3250,
0.3267

 37.4123, 0.3398,
0.3238

 93.8840, 0.3326,
0.3253

 25.5269, 0.3435,
0.3230


120.9277, 0.3310,
0.3256

 16.4700, 0.3484,
0.3220


152.7219, 0.3296,
0.3258

 9.8574, 0.3551,
0.3206

189.6510, 0.3284,
0.3261

 5.3045, 0.3649,
0.3184

232.0995, 0.3274,
0.3263

 2.4270, 0.3807,
0.3148

280.4518, 0.3265,

 0.8397, 0.4120,

0.3264

335.0921, 0.3257,
0.3266

0.3091

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

52.5107, 0.3369,
0.3244

52.5107, 0.3369,
0.3244

43.4503, 0.3582,
0.3211

63.0529, 0.3197,
0.3276

35.7986, 0.3846,
0.3177

75.1317, 0.3059,
0.3305

29.4868, 0.4167,
0.3146

88.8078, 0.2948,
0.3332

24.4377, 0.4546,
0.3122

93.3388, 0.2894,
0.3289

■ 20.5660, 0.4974,
0.3109

■ 17.7760, 0.5418,
0.3116

■ 15.9570, 0.5828,
0.3146

■ 14.9742, 0.6142,
0.3197

■ 14.6770, 0.6260,
0.3222

Harmonies

Analogous

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



52.5107, 0.3225, 0.3116



52.5107, 0.3369, 0.3244



52.5107, 0.3448, 0.3386

Triad

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



52.5107, 0.3369, 0.3244



52.5107, 0.3191, 0.3565



52.5107, 0.2825, 0.3065

Complementary

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



52.5107, 0.3369, 0.3244



64.0574, 0.2928, 0.3337

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.



52.5107, 0.2817, 0.3180



52.5107, 0.3369, 0.3244



52.5107, 0.3025, 0.3474

Square

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



52.5107, 0.3369, 0.3244



52.5107, 0.3342, 0.3576



52.5107, 0.2889, 0.3331



52.5107, 0.2912, 0.3013

Rectangle

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



52.5107, 0.3369, 0.3244



52.5107, 0.3451, 0.3472



52.5107, 0.2889, 0.3331



52.5107, 0.2813, 0.3097

Sweetspot

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



52.5130, 0.3369, 0.3244



93.1017, 0.3186, 0.3278



53.1996, 0.3109, 0.2922



19.6587, 0.3197, 0.3276



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.



52.5130, 0.3369, 0.3244



71.8059, 0.3436, 0.3233



57.4216, 0.3382, 0.3428



12.4456, 0.3272, 0.3261



8.6960, 0.6235, 0.3209



0.5330, 0.5859, 0.3001

Inverse Universe

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



52.5130, 0.3369, 0.3244



71.8059, 0.3436, 0.3233



58.4629, 0.2898, 0.3148



12.4456, 0.3272, 0.3261



8.6960, 0.6235, 0.3209



0.5330, 0.5859, 0.3001

Previews

White Background



This preview shows how the Yxy color 52.5107, 0.3369, 0.3244 looks on a white background.

Color Contrast Check

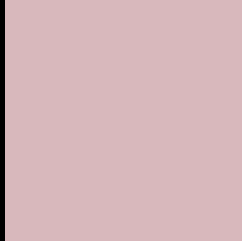
Large Text (above 18pt) WCAG AA × Fail

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 52.5107, 0.3369, 0.3244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

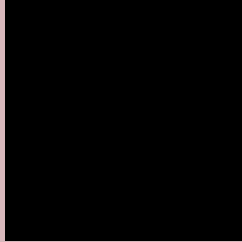
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.5107, 0.3369, 0.3244

Background



This preview shows how black text looks on a background with the Yxy color 52.5107, 0.3369, 0.3244.



This preview shows how white text looks on a background with the Yxy color 52.5107, 0.3369, 0.3244.

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

52.5107, 0.3369, 0.3244

Protanopia

52.6695, 0.3152, 0.3278

Deuteranopia

52.7457, 0.3331, 0.3267



Tritanopia

52.6499, 0.3305, 0.3128

Trichromacy



Original Color

52.5107, 0.3369, 0.3244

Protanomaly

52.4245, 0.3229, 0.3254

Deuteranomaly

52.4749, 0.3341, 0.3255

Tritanomaly

52.5137, 0.3329, 0.3162

Monochromacy



Original Color

52.5107, 0.3369, 0.3244

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

53.1892, 0.3211, 0.3266

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.5107, 0.3369, 0.3244 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, 184, 188)` looks like.

```
.text, #text, p{  
    color:rgb(216, 184, 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(216, 184, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 184, 188) }
```

Border

The CSS property to change the border of an element to Yxy 52.5107, 0.3369, 0.3244 is called "border". The border property can be set on classes, ids or directly on the HTML element.

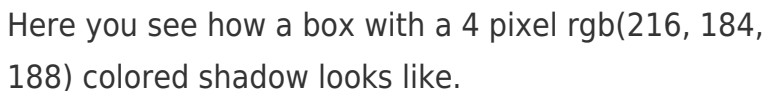
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(216, 184, 188) }
```

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

```
.border{ border-color:rgb(216, 184, 188) }
```

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



Here you see how a box with a 4 pixel `rgb(216, 184, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(216, 184, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(216, 184, 188); box-shadow:4px 4px 4px 4px rgb(216, 184, 188) }
```


Background

The CSS property to change the background color of an element to Yxy 52.5107, 0.3369, 0.3244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 184, 188) }
```

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

```
.background{ background-color: rgb(216,  
184, 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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