

Converting Colors

$Yxy(53.3266, 0.3329, 0.3152)$

Have a look what the booklet for
Yxy(53.3266, 0.3329, 0.3152)
contains.

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Color

Yxy(53.3266, 0.3329, 0.3152)

Conversions

Conversions Part 1

Format	Color
Hex	DBB8C4
RGB	219, 184, 196
RGB Percent	86%, 72%, 77%
CMY	0.1411, 0.2784, 0.2315
CMYK	0.00, 0.16, 0.11, 0.14
HSL	339°, 33%, 79%
HSV	339°, 16%, 86%
XYZ	56.3211, 53.3266, 59.5356
YIQ	195.8330, 17.0080, 11.1520

Conversions

Conversions Part 2

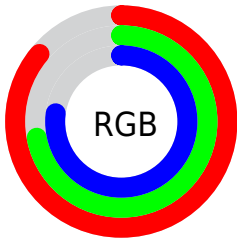
Format	Color
RYB	219, 184, 196
Decimal	14399684
CIELab	78.07, 14.50, -1.36
CIELCh	78, 14.567, 354.646
Yxy	53.3266, 0.3329, 0.3152
Android (android.graphics.Color)	4292589764 (0xFFDDBB8C4)
YUV	195.8330, 0.0823, 20.3175
Hunter-Lab	73.0251, 9.8756, 2.7798

Details

The Yxy color **53.3266, 0.3329, 0.3152** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **65.3737, 0.2960, 0.3433**, and the grayscale version is **55.0905, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.6720, 0.3146, 0.3165**, and **26.0781, 0.3389, 0.3122** is the 20% darker color. If you saturate the color by 10%, you get **44.2981, 0.3492, 0.3060**, and if you desaturate by 10%, it is **63.8317, 0.3195, 0.3240**.

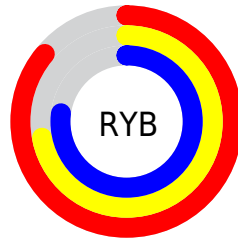
Distribution



Red (86%)

Green (72%)

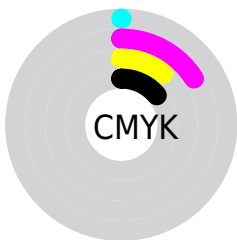
Blue (77%)



Red (86%)

Yellow (72%)

Blue (77%)

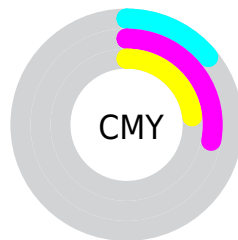


Cyan (0%)

Magenta (16%)

Yellow (11%)

Black (14%)



Cyan (14%)


Magenta (28%)

Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.3266, 0.3329, 0.3152 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 53.3266, 0.3329, 0.3152 by changing the saturation by 10% instead.


 53.3266, 0.3329,
0.3152

 53.3266, 0.3329,
0.3152

399.5369, 0.3231,
0.3219

 38.0636, 0.3353,
0.3136


 95.0848, 0.3294,
0.3176

 26.0320, 0.3383,
0.3115

122.3487, 0.3280,
0.3185

 16.8476, 0.3423,
0.3089


154.3817, 0.3269,
0.3193

 10.1259, 0.3477,
0.3052

191.5682, 0.3259,
0.3200

 5.4825, 0.3555,
0.3000

234.2926, 0.3251,
0.3205

 2.5331, 0.3679,
0.2918

282.9392, 0.3243,

 0.8931, 0.3902,

0.3211

0.2773

337.8925, 0.3236,
0.3215

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

53.3266, 0.3329,
0.3152

53.3266, 0.3329,
0.3152

44.2981, 0.3492,
0.3060

63.8317, 0.3195,
0.3240

36.6726, 0.3691,
0.2967

75.8683, 0.3086,
0.3322

30.3810, 0.3928,
0.2878

89.4974, 0.2997,
0.3398

25.3455, 0.4207,
0.2802

93.7157, 0.2919,
0.3303

■ 21.4800, 0.4522,
0.2749

■ 93.8040, 0.2912,
0.3289

■ 18.6876, 0.4862,
0.2731

■ 16.8554, 0.5204,
0.2761

■ 15.8440, 0.5519,
0.2840

■ 15.5708, 0.5636,
0.2878

Harmonies

Analogous

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



53.3266, 0.3137, 0.3027



53.3266, 0.3329, 0.3152



53.3266, 0.3468, 0.3314

Triad

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



53.3266, 0.3329, 0.3152



53.3266, 0.3301, 0.3634



53.3266, 0.2756, 0.3088

Complementary

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



53.3266, 0.3329, 0.3152



65.3737, 0.2960, 0.3433

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.



53.3266, 0.2797, 0.3251



53.3266, 0.3329, 0.3152



53.3266, 0.3108, 0.3575

Square

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



53.3266, 0.3329, 0.3152



53.3266, 0.3451, 0.3594



53.3266, 0.2924, 0.3432



53.3266, 0.2810, 0.2986

Rectangle

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



53.3266, 0.3329, 0.3152



53.3266, 0.3510, 0.3424



53.3266, 0.2924, 0.3432



53.3266, 0.2759, 0.3137

Sweetspot

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



53.3290, 0.3329, 0.3152



91.6046, 0.3184, 0.3248



52.6279, 0.3047, 0.2884



19.3641, 0.3192, 0.3242



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.



53.3290, 0.3329, 0.3152



71.0021, 0.3377, 0.3123



55.0286, 0.3419, 0.3352



13.1247, 0.3238, 0.3210



9.2489, 0.5596, 0.2857



0.6150, 0.5138, 0.2604

Inverse Universe

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



53.3290, 0.3329, 0.3152



71.0021, 0.3377, 0.3123



63.2835, 0.2884, 0.3227



13.1247, 0.3238, 0.3210



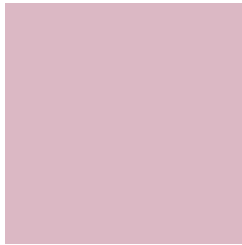
9.2489, 0.5596, 0.2857



0.6150, 0.5138, 0.2604

Previews

White Background



This preview shows how the Yxy color 53.3266, 0.3329, 0.3152 looks on a white background.

Color Contrast Check

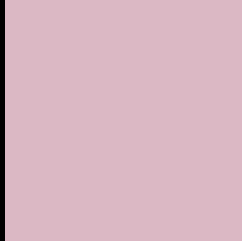
Large Text (above 18pt) WCAG AA × Fail

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 53.3266, 0.3329, 0.3152 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

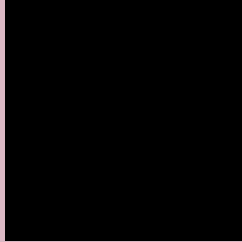
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.3266, 0.3329, 0.3152

Background



This preview shows how black text looks on a background with the Yxy color 53.3266, 0.3329, 0.3152.



This preview shows how white text looks on a background with the Yxy color 53.3266, 0.3329, 0.3152.

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

53.3266, 0.3329, 0.3152

Protanopia

53.3857, 0.3076, 0.3180

Deuteranopia

53.3297, 0.3265, 0.3196



Tritanopia

53.4183, 0.3312, 0.3129

Trichromacy



Original Color

53.3266, 0.3329, 0.3152

Protanomaly

53.2152, 0.3166, 0.3170

Deuteranomaly

53.3541, 0.3292, 0.3185

Tritanomaly

53.3723, 0.3320, 0.3140

Monochromacy



Original Color

53.3266, 0.3329, 0.3152

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

54.5222, 0.3194, 0.3242

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.3266, 0.3329, 0.3152 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(219, 184, 196)` looks like.

```
.text, #text, p{  
    color:rgb(219, 184, 196)  
}
```

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(219, 184, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 184, 196) }
```

Border

The CSS property to change the border of an element to Yxy 53.3266, 0.3329, 0.3152 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(219, 184, 196) }
```

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

```
.border{ border-color:rgb(219, 184, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 184, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 184, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 184, 196);  
box-shadow:4px 4px 4px 4px rgb(219, 184,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 53.3266, 0.3329, 0.3152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 184, 196) }
```

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

```
.background{ background-color: rgb(219,  
184, 196) }
```

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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