

Converting Colors

Yxy(53.7144, 0.3321, 0.3152)

Have a look what the booklet for
Yxy(53.7144, 0.3321, 0.3152)
contains.

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Color

Yxy(53.7892, 0.3319, 0.3152)

Conversions

Conversions Part 1

Format	Color
Hex	DBB9C5
RGB	219, 185, 197
RGB Percent	86%, 73%, 77%
CMY	0.1412, 0.2745, 0.2274
CMYK	0.00, 0.16, 0.10, 0.14
HSL	339°, 32%, 79%
HSV	339°, 16%, 86%
XYZ	56.6391, 53.7892, 60.2227
YIQ	196.5340, 16.4120, 10.9400

Conversions

Conversions Part 2

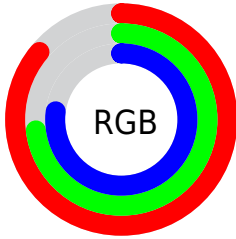
Format	Color
R _Y B	219, 185, 197
Decimal	14399941
CIE Lab	78.34, 14.12, -1.52
CIE LCh	78, 14.204, 353.864
Yxy	53.7892, 0.3319, 0.3152
Android (android.graphics.Color)	4292590021 (0xFFDDBB9C5)
YUV	196.5340, 0.2297, 19.7027
Hunter-Lab	73.3411, 9.5031, 2.6539

Details

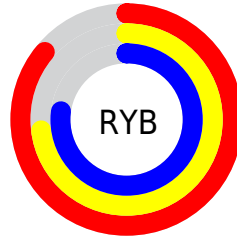
The Yxy color **53.7892, 0.3319, 0.3152** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **65.4796, 0.2967, 0.3432**, and the grayscale version is **55.5316, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.3264, 0.3140, 0.3165**, and **26.3782, 0.3376, 0.3123** is the 20% darker color. If you saturate the color by 10%, you get **44.7040, 0.3478, 0.3057**, and if you desaturate by 10%, it is **64.3515, 0.3189, 0.3243**.

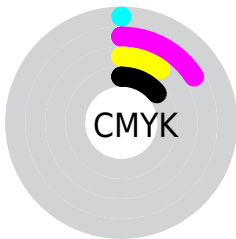
Distribution



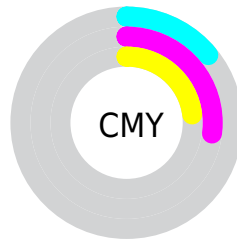
- Red (86%)
- Green (73%)
- Blue (77%)



- Red (86%)
- Yellow (73%)
- Blue (77%)



- Cyan (0%)
- Magenta (16%)
- Yellow (10%)
- Black (14%)





- Cyan (14%)
- Magenta (27%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.7892, 0.3319, 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 53.7892, 0.3319, 0.3152 by changing the saturation by 10% instead.


 53.7892, 0.3319,
0.3152

 53.7892, 0.3319,
0.3152

401.3057, 0.3226,
0.3219

 38.4332, 0.3342,
0.3136


 95.7647, 0.3286,
0.3176

 26.3190, 0.3370,
0.3116


123.1529, 0.3273,
0.3185

 17.0625, 0.3408,
0.3089


155.3206, 0.3262,
0.3193

 10.2790, 0.3459,
0.3053

192.6522, 0.3253,
0.3199

 5.5844, 0.3533,
0.3001

235.5321, 0.3245,
0.3205

 2.5940, 0.3649,
0.2920

284.3448, 0.3238,

 0.9237, 0.3857,

0.3210

0.2778

339.4745, 0.3231,
0.3215

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

53.7892, 0.3319,
0.3152

53.7892, 0.3319,
0.3152

44.7040, 0.3478,
0.3057

64.3515, 0.3189,
0.3243

37.0226, 0.3671,
0.2961

76.4454, 0.3082,
0.3327

30.6763, 0.3902,
0.2869

90.1318, 0.2995,
0.3405

25.5877, 0.4173,
0.2789

93.7143, 0.2918,
0.3303

■ 21.6713, 0.4481,
0.2732

■ 93.7990, 0.2911,
0.3289

■ 18.8311, 0.4813,
0.2711

■ 16.9552, 0.5150,
0.2736

■ 15.9068, 0.5463,
0.2812

■ 15.5992, 0.5593,
0.2855

Harmonies

Analogous

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



53.7892, 0.3132, 0.3031



53.7892, 0.3319, 0.3152



53.7892, 0.3456, 0.3309

Triad

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



53.7892, 0.3319, 0.3152



53.7892, 0.3301, 0.3625



53.7892, 0.2766, 0.3097

Complementary

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



53.7892, 0.3319, 0.3152



65.4796, 0.2967, 0.3432

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.



53.7892, 0.2808, 0.3257



53.7892, 0.3319, 0.3152



53.7892, 0.3114, 0.3570

Square

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



53.7892, 0.3319, 0.3152



53.7892, 0.3445, 0.3584



53.7892, 0.2934, 0.3432



53.7892, 0.2816, 0.2996

Rectangle

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



53.7892, 0.3319, 0.3152



53.7892, 0.3499, 0.3416



53.7892, 0.2934, 0.3432



53.7892, 0.2769, 0.3145

Sweetspot

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



53.7916, 0.3319, 0.3152



91.6132, 0.3183, 0.3247



53.0133, 0.3045, 0.2896



19.3662, 0.3191, 0.3240



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.



53.7916, 0.3319, 0.3152



71.0309, 0.3373, 0.3118



55.1897, 0.3410, 0.3344



13.1271, 0.3237, 0.3208



9.2691, 0.5554, 0.2833



0.6165, 0.5100, 0.2583

Inverse Universe

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



53.7916, 0.3319, 0.3152



71.0309, 0.3373, 0.3118



63.7567, 0.2891, 0.3236



13.1271, 0.3237, 0.3208



9.2691, 0.5554, 0.2833



0.6165, 0.5100, 0.2583

Previews

White Background



This preview shows how the Yxy color 53.7892, 0.3319, 0.3152 looks on a white background.

Color Contrast Check

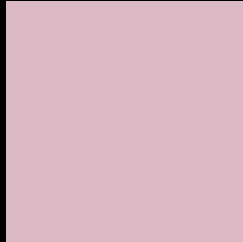
Large Text (above 18pt) WCAG AA × Fail

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 53.7892, 0.3319, 0.3152 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

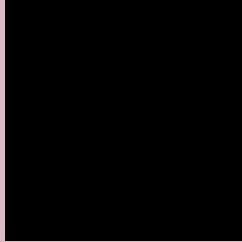
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.7892, 0.3319, 0.3152

Background



This preview shows how black text looks on a background with the Yxy color 53.7892, 0.3319, 0.3152.



This preview shows how white text looks on a background with the Yxy color 53.7892, 0.3319, 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

53.7892, 0.3319, 0.3152

Protanopia

54.0063, 0.3077, 0.3181

Deuteranopia

53.8008, 0.3256, 0.3196



Tritanopia

53.8815, 0.3303, 0.3129

Trichromacy



Original Color

53.7892, 0.3319, 0.3152

Protanomaly

53.8344, 0.3165, 0.3171

Deuteranomaly

53.8223, 0.3282, 0.3185

Tritanomaly

53.8352, 0.3311, 0.3141

Monochromacy



Original Color

53.7892, 0.3319, 0.3152

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

55.1503, 0.3194, 0.3243

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.7892, 0.3319, 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, 185, 197)` looks like.

```
.text, #text, p{  
    color:rgb(219, 185, 197)  
}
```

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, 185, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 185, 197) }
```

Border

The CSS property to change the border of an element to Yxy 53.7892, 0.3319, 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, 185, 197) }
```

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

```
.border{ border-color:rgb(219, 185, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 185, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 185, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 185, 197);  
box-shadow:4px 4px 4px 4px rgb(219, 185,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 53.7892, 0.3319, 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, 185, 197) }
```

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

```
.background{ background-color: rgb(219,  
185, 197) }
```

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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