

Converting Colors

$Yxy(54.8839, 0.3350, 0.3203)$

Have a look what the booklet for
Yxy(54.8839, 0.3350, 0.3203)
contains.

Yxy(54.8529, 0.3350, 0.3199)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(54.8529, 0.3350, 0.3199)

Conversions

Conversions Part 1

Format	Color
Hex	DDBBC3
RGB	221, 187, 195
RGB Percent	87%, 73%, 76%
CMY	0.1332, 0.2667, 0.2354
CMYK	0.00, 0.15, 0.12, 0.13
HSL	346°, 33%, 80%
HSV	346°, 15%, 87%
XYZ	57.4421, 54.8529, 59.1739
YIQ	198.0780, 17.6960, 9.6960

Conversions

Conversions Part 2

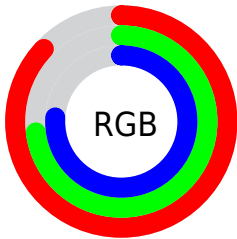
Format	Color
RYB	221, 187, 195
Decimal	14531523
CIELab	78.96, 13.44, 0.51
CIELCh	79, 13.448, 2.154
Yxy	54.8529, 0.3350, 0.3199
Android (android.graphics.Color)	4292721603 (0xFFDDBBC3)
YUV	198.0780, -1.5175, 20.1026
Hunter-Lab	74.0627, 8.8324, 4.4730

Details

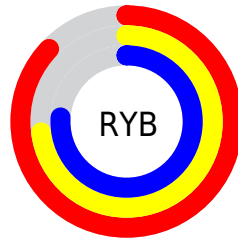
The Yxy color $54.8529, 0.3350, 0.3199$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $67.0966, 0.2943, 0.3383$, and the grayscale version is $56.5249, 0.3127, 0.3290$.

A 20% lighter version of the original color is $92.3895, 0.3151, 0.3204$, and $27.0803, 0.3417, 0.3185$ is the 20% darker color. If you saturate the color by 10%, you get $45.4656, 0.3538, 0.3136$, and if you desaturate by 10%, it is $65.7751, 0.3197, 0.3259$.

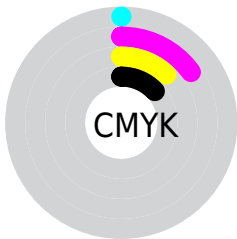
Distribution



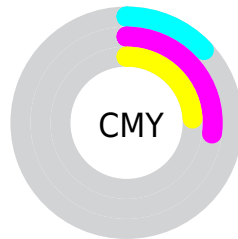
- Red (87%)
- Green (73%)
- Blue (76%)



- Red (87%)
- Yellow (73%)
- Blue (76%)



- Cyan (0%)
- Magenta (15%)
- Yellow (12%)
- Black (13%)




- Cyan (13%)
- Magenta (27%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.8529, 0.3350, 0.3199 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 54.8529, 0.3350, 0.3199 by changing the saturation by 10% instead.


 54.8529, 0.3350,
0.3199

 54.8529, 0.3350,
0.3199


405.3541, 0.3241,
0.3244

 39.2840, 0.3376,
0.3188

 97.3254, 0.3311,
0.3215

 26.9807, 0.3410,
0.3174


124.9977, 0.3296,
0.3221

 17.5587, 0.3453,
0.3156


157.4734, 0.3284,
0.3226

 10.6336, 0.3513,
0.3132

195.1366, 0.3273,
0.3231

 5.8211, 0.3598,
0.3096

238.3719, 0.3264,
0.3235

 2.7366, 0.3733,
0.3040

287.5637, 0.3255,

 0.9958, 0.3975,

0.3238

0.2938

343.0963, 0.3248,
0.3241

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.8529, 0.3350,
0.3199

54.8529, 0.3350,
0.3199

45.4656, 0.3538,
0.3136

65.7751, 0.3197,
0.3259

37.5371, 0.3770,
0.3072

78.2892, 0.3073,
0.3315

30.9960, 0.4049,
0.3011

92.4581, 0.2973,
0.3367

25.7619, 0.4379,
0.2961

94.1158, 0.2923,
0.3289

■ 21.7460, 0.4753,
0.2930

■ 18.8484, 0.5152,
0.2929

■ 16.9533, 0.5541,
0.2966

■ 15.9189, 0.5874,
0.3042

■ 15.6220, 0.6004,
0.3081

Harmonies

Analogous

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



54.8529, 0.3182, 0.3072



54.8529, 0.3350, 0.3199



54.8529, 0.3458, 0.3351

Triad

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



54.8529, 0.3350, 0.3199



54.8529, 0.3244, 0.3599



54.8529, 0.2791, 0.3076

Complementary

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



54.8529, 0.3350, 0.3199



67.0966, 0.2943, 0.3383

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.



54.8529, 0.2807, 0.3214



54.8529, 0.3350, 0.3199



54.8529, 0.3065, 0.3523

Square

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



54.8529, 0.3350, 0.3199



54.8529, 0.3395, 0.3585



54.8529, 0.2906, 0.3380



54.8529, 0.2862, 0.3000

Rectangle

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



54.8529, 0.3350, 0.3199



54.8529, 0.3480, 0.3449



54.8529, 0.2906, 0.3380



54.8529, 0.2786, 0.3116

Sweetspot

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



54.8553, 0.3350, 0.3199



91.5203, 0.3192, 0.3261



54.8363, 0.3077, 0.2903



19.3437, 0.3202, 0.3257



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.



54.8553, 0.3350, 0.3199



72.0698, 0.3398, 0.3182



58.2209, 0.3400, 0.3389



13.1013, 0.3255, 0.3235



9.0875, 0.5967, 0.3061



0.6021, 0.5503, 0.2805

Inverse Universe

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



54.8553, 0.3350, 0.3199



72.0698, 0.3398, 0.3182



63.1326, 0.2891, 0.3189



13.1013, 0.3255, 0.3235



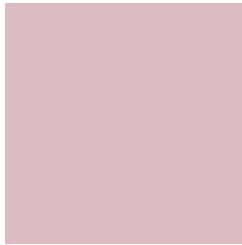
9.0875, 0.5967, 0.3061



0.6021, 0.5503, 0.2805

Previews

White Background



This preview shows how the Yxy color 54.8529, 0.3350, 0.3199 looks on a white background.

Color Contrast Check

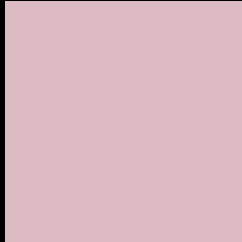
Large Text (above 18pt) WCAG AA × Fail

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 54.8529, 0.3350, 0.3199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

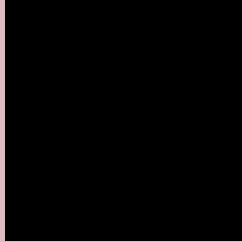
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.8529, 0.3350, 0.3199

Background



This preview shows how black text looks on a background with the Yxy color 54.8529, 0.3350, 0.3199.



This preview shows how white text looks on a background with the Yxy color 54.8529, 0.3350, 0.3199.

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

54.8529, 0.3350, 0.3199

Protanopia

55.1595, 0.3121, 0.3242

Deuteranopia

54.7824, 0.3296, 0.3221



Tritanopia

54.8645, 0.3311, 0.3120

Trichromacy



Original Color

54.8529, 0.3350, 0.3199

Protanomaly

54.8983, 0.3195, 0.3219

Deuteranomaly

54.6583, 0.3314, 0.3209

Tritanomaly

54.7709, 0.3327, 0.3142

Monochromacy



Original Color

54.8529, 0.3350, 0.3199

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

55.7366, 0.3201, 0.3255

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.8529, 0.3350, 0.3199 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, 187, 195)` looks like.

```
.text, #text, p{  
    color:rgb(221, 187, 195)  
}
```

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, 187, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 187, 195) }
```

Border

The CSS property to change the border of an element to Yxy 54.8529, 0.3350, 0.3199 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, 187, 195) }
```

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

```
.border{ border-color:rgb(221, 187, 195) }
```

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

Here you see how a box with a 4 pixel rgb(221, 187, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 187, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 187, 195);  
box-shadow:4px 4px 4px 4px rgb(221, 187,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 54.8529, 0.3350, 0.3199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 187, 195) }
```

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

```
.background{ background-color: rgb(221,  
187, 195) }
```

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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