

Converting Colors

Yxy(54.8640, 0.3201, 0.3115)

Have a look what the booklet for
Yxy(54.8640, 0.3201, 0.3115)
contains.

Yxy(54.7519, 0.3201, 0.3116)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(54.7519, 0.3201, 0.3116)

Conversions

Conversions Part 1

Format	Color
Hex	D4BDCC
RGB	212, 189, 204
RGB Percent	83%, 74%, 80%
CMY	0.1686, 0.2588, 0.2001
CMYK	0.00, 0.11, 0.04, 0.17
HSL	321°, 21%, 79%
HSV	321°, 11%, 83%
XYZ	56.2455, 54.7519, 64.7148
YIQ	197.5870, 8.8930, 9.5410

Conversions

Conversions Part 2

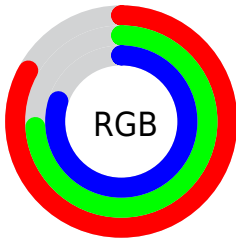
Format	Color
R _Y B	212, 189, 204
Decimal	13942220
CIE Lab	78.90, 10.73, -4.54
CIE LCh	79, 11.654, 337.083
Yxy	54.7519, 0.3201, 0.3116
Android (android.graphics.Color)	4292132300 (0xFFD4BDCC)
YUV	197.5870, 3.1616, 12.6402
Hunter-Lab	73.9945, 6.1928, -0.0582

Details

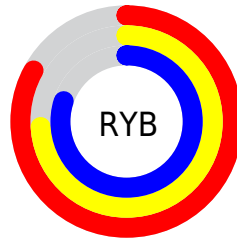
The Yxy color $54.7519, 0.3201, 0.3116$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $61.9396, 0.3060, 0.3471$, and the grayscale version is $56.1854, 0.3127, 0.3290$.

A 20% lighter version of the original color is $93.7848, 0.3132, 0.3194$, and $26.9784, 0.3215, 0.3074$ is the 20% darker color. If you saturate the color by 10%, you get $45.9434, 0.3282, 0.2948$, and if you desaturate by 10%, it is $64.9151, 0.3132, 0.3277$.

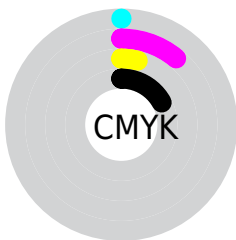
Distribution



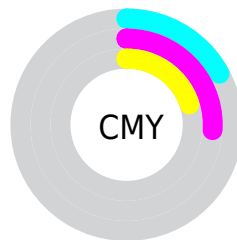
- Red (83%)
- Green (74%)
- Blue (80%)



- Red (83%)
- Yellow (74%)
- Blue (80%)



- Cyan (0%)
- Magenta (11%)
- Yellow (4%)
- Black (17%)





- Cyan (17%)
- Magenta (26%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.7519, 0.3201, 0.3116 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 54.7519, 0.3201, 0.3116 by changing the saturation by 10% instead.


 54.7519, 0.3201,
0.3116

 54.7519, 0.3201,
0.3116


404.9708, 0.3166,
0.3200

 39.2031, 0.3209,
0.3096


 97.1774, 0.3188,
0.3146

 26.9178, 0.3220,
0.3071


124.8228, 0.3184,
0.3157

 17.5115, 0.3234,
0.3039


157.2693, 0.3180,
0.3167

 10.5998, 0.3252,
0.2995

194.9012, 0.3176,
0.3175

 5.7984, 0.3278,
0.2933

238.1029, 0.3173,
0.3182

 2.7229, 0.3318,
0.2838

287.2588, 0.3170,

 0.9888, 0.3385,

0.3189

0.2676

342.7533, 0.3168,
0.3194

0.0000, 0.4420,
0.0000

0.0000, 0.0000,
0.0000

54.7519, 0.3201,
0.3116

54.7519, 0.3201,
0.3116

45.9434, 0.3282,
0.2948

64.9151, 0.3132,
0.3277

38.4248, 0.3378,
0.2777

76.4802, 0.3075,
0.3428

32.1362, 0.3488,
0.2609

89.5010, 0.3027,
0.3569

27.0106, 0.3613,
0.2452

91.4329, 0.2986,
0.3514

■ 22.9743, 0.3751,
0.2316

■ 91.8661, 0.2946,
0.3435

■ 19.9451, 0.3900,
0.2212

■ 92.3172, 0.2906,
0.3358

■ 17.8291, 0.4055,
0.2151

■ 92.7371, 0.2872,
0.3289

■ 16.5146, 0.4209,
0.2140

■ 15.8325, 0.4348,
0.2169

Harmonies

Analogous

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



54.7519, 0.3045, 0.3044



54.7519, 0.3201, 0.3116



54.7519, 0.3340, 0.3232

Triad

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



54.7519, 0.3201, 0.3116



54.7519, 0.3342, 0.3553



54.7519, 0.2841, 0.3203

Complementary

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



54.7519, 0.3201, 0.3116



61.9396, 0.3060, 0.3471

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.



54.7519, 0.2917, 0.3345



54.7519, 0.3201, 0.3116



54.7519, 0.3204, 0.3551

Square

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



54.7519, 0.3201, 0.3116



54.7519, 0.3422, 0.3483



54.7519, 0.3049, 0.3474



54.7519, 0.2840, 0.3090

Rectangle

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



54.7519, 0.3201, 0.3116



54.7519, 0.3403, 0.3321



54.7519, 0.3049, 0.3474



54.7519, 0.2859, 0.3249

Sweetspot

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



54.7543, 0.3201, 0.3116



95.0450, 0.3146, 0.3242



52.9783, 0.3017, 0.3015



20.0672, 0.3152, 0.3230



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.



54.7543, 0.3201, 0.3116



79.9201, 0.3218, 0.3078



54.2389, 0.3288, 0.3245



12.5557, 0.3191, 0.3139



9.7938, 0.4327, 0.2157



0.6061, 0.4085, 0.2024

Inverse Universe

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



54.7543, 0.3201, 0.3116



79.9201, 0.3218, 0.3078



62.4693, 0.2987, 0.3335



12.5557, 0.3191, 0.3139



9.7938, 0.4327, 0.2157



0.6061, 0.4085, 0.2024

Previews

White Background



This preview shows how the Yxy color 54.7519, 0.3201, 0.3116 looks on a white background.

Color Contrast Check

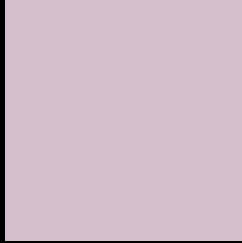
Large Text (above 18pt) WCAG AA × Fail

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 54.7519, 0.3201, 0.3116 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

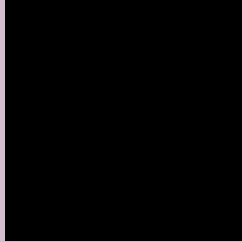
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.7519, 0.3201, 0.3116

Background



This preview shows how black text looks on a background with the Yxy color 54.7519, 0.3201, 0.3116.



This preview shows how white text looks on a background with the Yxy color 54.7519, 0.3201, 0.3116.

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

54.7519, 0.3201, 0.3116

Protanopia

54.6907, 0.3040, 0.3133

Deuteranopia

55.0354, 0.3192, 0.3127



Tritanopia

54.7519, 0.3201, 0.3116

Trichromacy



Original Color

54.7519, 0.3201, 0.3116

Protanomaly

54.5730, 0.3095, 0.3123

Deuteranomaly

55.0354, 0.3192, 0.3127

Tritanomaly

54.7519, 0.3201, 0.3116

Monochromacy



Original Color

54.7519, 0.3201, 0.3116

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

55.8969, 0.3154, 0.3231

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.7519, 0.3201, 0.3116 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(212, 189, 204)` looks like.

```
.text, #text, p{  
    color:rgb(212, 189, 204)  
}
```

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(212, 189, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 189, 204) }
```

Border

The CSS property to change the border of an element to Yxy 54.7519, 0.3201, 0.3116 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(212, 189, 204) }
```

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

```
.border{ border-color:rgb(212, 189, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 189, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 189, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 189, 204);  
box-shadow:4px 4px 4px 4px rgb(212, 189,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 54.7519, 0.3201, 0.3116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 189, 204) }
```

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

```
.background{ background-color: rgb(212,  
189, 204) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor