

Converting Colors

$Yxy(55.6499, 0.3255, 0.3207)$

Have a look what the booklet for
Yxy(55.6499, 0.3255, 0.3207)
contains.

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Color

Yxy(55.4850, 0.3254, 0.3209)

Conversions

Conversions Part 1

Format	Color
Hex	D5BFC6
RGB	213, 191, 198
RGB Percent	84%, 75%, 78%
CMY	0.1647, 0.2510, 0.2236
CMYK	0.00, 0.10, 0.07, 0.16
HSL	341°, 21%, 79%
HSV	341°, 10%, 84%
XYZ	56.2631, 55.4850, 61.1563
YIQ	198.3760, 10.8650, 6.8410

Conversions

Conversions Part 2

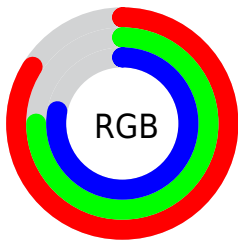
Format	Color
R _Y B	213, 191, 198
Decimal	14008262
CIE Lab	79.32, 8.96, -0.67
CIE LCh	79, 8.986, 355.720
Yxy	55.4850, 0.3254, 0.3209
Android (android.graphics.Color)	4292198342 (0xFFD5BFC6)
YUV	198.3760, -0.1854, 12.8252
Hunter-Lab	74.4883, 4.4716, 3.4636

Details

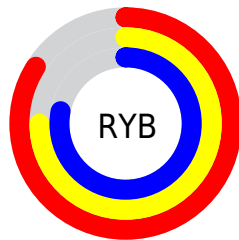
The Yxy color $55.4850, 0.3254, 0.3209$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $63.1259, 0.3015, 0.3373$, and the grayscale version is $56.7097, 0.3127, 0.3290$.

A 20% lighter version of the original color is $95.0015, 0.3131, 0.3214$, and $27.4597, 0.3286, 0.3197$ is the 20% darker color. If you saturate the color by 10%, you get $46.2229, 0.3405, 0.3126$, and if you desaturate by 10%, it is $66.1675, 0.3131, 0.3288$.

Distribution



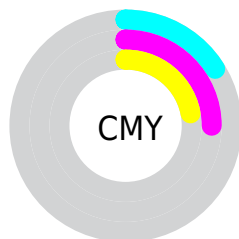
- Red (84%)
- Green (75%)
- Blue (78%)



- Red (84%)
- Yellow (75%)
- Blue (78%)



- Cyan (0%)
- Magenta (10%)
- Yellow (7%)
- Black (16%)




- Cyan (16%)
- Magenta (25%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.4850, 0.3254, 0.3209 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 55.4850, 0.3254, 0.3209 by changing the saturation by 10% instead.


 55.4850, 0.3254,
0.3209

 55.4850, 0.3254,
0.3209

407.7478, 0.3192,
0.3248

 39.7902, 0.3269,
0.3200

 98.2512, 0.3232,
0.3223

 27.3750, 0.3288,
0.3188


126.0913, 0.3224,
0.3228

 17.8550, 0.3312,
0.3172


158.7487, 0.3217,
0.3233

 10.8460, 0.3345,
0.3151

196.6077, 0.3210,
0.3237

 5.9634, 0.3393,
0.3121

240.0527, 0.3205,
0.3240

 2.8228, 0.3468,
0.3074

289.4681, 0.3200,

 1.0399, 0.3601,

0.3243

0.2990

345.2384, 0.3196,
0.3246

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

55.4850, 0.3254,
0.3209

55.4850, 0.3254,
0.3209

46.2229, 0.3405,
0.3126

66.1675, 0.3131,
0.3288

38.3141, 0.3590,
0.3040

78.3195, 0.3030,
0.3360

31.6968, 0.3813,
0.2955

91.9965, 0.2948,
0.3427

26.3016, 0.4079,
0.2877

92.8868, 0.2877,
0.3289

■ 22.0525, 0.4387,
0.2815

■ 18.8651, 0.4729,
0.2781

■ 16.6428, 0.5086,
0.2786

■ 15.2715, 0.5431,
0.2839

■ 14.5582, 0.5725,
0.2928

Harmonies

Analogous

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



55.4850, 0.3139, 0.3129



55.4850, 0.3254, 0.3209



55.4850, 0.3336, 0.3310

Triad

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



55.4850, 0.3254, 0.3209



55.4850, 0.3230, 0.3497



55.4850, 0.2899, 0.3166

Complementary

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



55.4850, 0.3254, 0.3209



63.1259, 0.3015, 0.3373

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.



55.4850, 0.2923, 0.3264



55.4850, 0.3254, 0.3209



55.4850, 0.3112, 0.3459

Square

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



55.4850, 0.3254, 0.3209



55.4850, 0.3322, 0.3478



55.4850, 0.3000, 0.3372



55.4850, 0.2935, 0.3103

Rectangle

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



55.4850, 0.3254, 0.3209



55.4850, 0.3360, 0.3378



55.4850, 0.3000, 0.3372



55.4850, 0.2900, 0.3196

Sweetspot

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



55.4874, 0.3254, 0.3209



94.8838, 0.3162, 0.3267



55.1436, 0.3081, 0.3033



20.0237, 0.3171, 0.3261



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.



55.4874, 0.3254, 0.3209



80.7327, 0.3279, 0.3194



56.7924, 0.3304, 0.3333



12.4850, 0.3242, 0.3216



8.9088, 0.5687, 0.2907



0.5522, 0.5193, 0.2634

Inverse Universe

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



55.4874, 0.3254, 0.3209



80.7327, 0.3279, 0.3194



61.6487, 0.2969, 0.3246



12.4850, 0.3242, 0.3216



8.9088, 0.5687, 0.2907



0.5522, 0.5193, 0.2634

Previews

White Background



This preview shows how the Yxy color 55.4850, 0.3254, 0.3209 looks on a white background.

Color Contrast Check

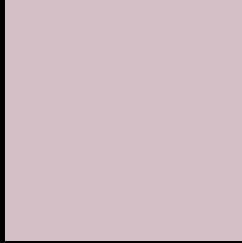
Large Text (above 18pt) WCAG AA × Fail

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 55.4850, 0.3254, 0.3209 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

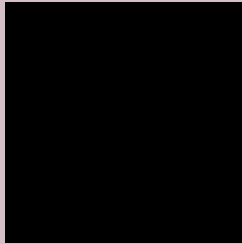
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.4850, 0.3254, 0.3209

Background



This preview shows how black text looks on a background with the Yxy color 55.4850, 0.3254, 0.3209.



This preview shows how white text looks on a background with the Yxy color 55.4850, 0.3254, 0.3209.

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

55.4850, 0.3254, 0.3209

Protanopia

55.8390, 0.3114, 0.3230

Deuteranopia

55.3512, 0.3271, 0.3198



Tritanopia

55.5308, 0.3209, 0.3117

Trichromacy



Original Color

55.4850, 0.3254, 0.3209

Protanomaly

55.5911, 0.3163, 0.3219

Deuteranomaly

55.2003, 0.3263, 0.3197

Tritanomaly

55.3873, 0.3232, 0.3151

Monochromacy



Original Color

55.4850, 0.3254, 0.3209

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

55.8039, 0.3169, 0.3254

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.4850, 0.3254, 0.3209 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(213, 191, 198)` looks like.

```
.text, #text, p{  
    color:rgb(213, 191, 198)  
}
```

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(213, 191, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 191, 198) }
```

Border

The CSS property to change the border of an element to Yxy 55.4850, 0.3254, 0.3209 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(213, 191, 198) }
```

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

```
.border{ border-color:rgb(213, 191, 198) }
```

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

Here you see how a box with a 4 pixel rgb(213, 191, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 191, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 191, 198);  
box-shadow:4px 4px 4px 4px rgb(213, 191,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 55.4850, 0.3254, 0.3209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 191, 198) }
```

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

```
.background{ background-color: rgb(213,  
191, 198) }
```

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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