

Converting Colors

$Y_{xy}(55.5912, 0.3192, 0.3043)$

Have a look what the booklet for
Yxy(55.5912, 0.3192, 0.3043)
contains.

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Color

Yxy(55.8000, 0.3195, 0.3051)

Conversions

Conversions Part 1

Format	Color
Hex	D9BDD2
RGB	217, 189, 210
RGB Percent	85%, 74%, 82%
CMY	0.1492, 0.2587, 0.1765
CMYK	0.00, 0.13, 0.03, 0.15
HSL	315°, 27%, 80%
HSV	315°, 13%, 85%
XYZ	58.4336, 55.8000, 68.6572
YIQ	199.7660, 9.9470, 12.4670

Conversions

Conversions Part 2

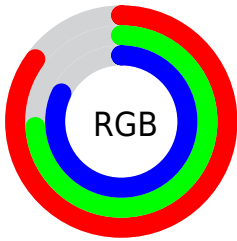
Format	Color
R_{YB}	217, 189, 210
Decimal	14269906
CIE _{Lab}	79.50, 13.52, -6.85
CIE _{LCh}	79, 15.151, 333.129
Yxy	55.8000, 0.3195, 0.3051
Android (android.graphics.Color)	4292459986 (0xFFD9BDD2)
YUV	199.7660, 5.0454, 15.1142
Hunter-Lab	74.6994, 8.9077, -2.2047

Details

The Yxy color $55.8000, 0.3195, 0.3051$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $64.4070, 0.3066, 0.3541$, and the grayscale version is $57.5694, 0.3127, 0.3290$.

A 20% lighter version of the original color is $93.7848, 0.3132, 0.3194$, and $27.6900, 0.3207, 0.2989$ is the 20% darker color. If you saturate the color by 10%, you get $46.8901, 0.3258, 0.2858$, and if you desaturate by 10%, it is $66.1200, 0.3141, 0.3238$.

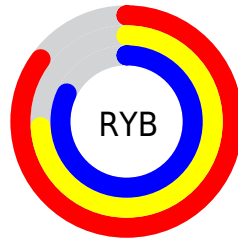
Distribution



Red (85%)

Green (74%)

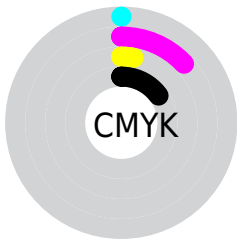
Blue (82%)



Red (85%)

Yellow (74%)

Blue (82%)

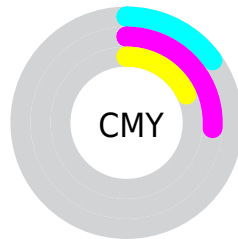


Cyan (0%)

Magenta (13%)

Yellow (3%)

Black (15%)



Cyan (15%)


Magenta (26%)

Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.8000, 0.3195, 0.3051 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 55.8000, 0.3195, 0.3051 by changing the saturation by 10% instead.


 55.8000, 0.3195,
0.3051

 55.8000, 0.3195,
0.3051


408.9373, 0.3163,
0.3165

 40.0426, 0.3202,
0.3024


 98.7121, 0.3184,
0.3091

 27.5718, 0.3212,
0.2991


126.6356, 0.3180,
0.3107

 18.0031, 0.3223,
0.2947


159.3832, 0.3176,
0.3120

 10.9522, 0.3239,
0.2890

197.3394, 0.3173,
0.3131

 6.0347, 0.3260,
0.2809

240.8885, 0.3170,
0.3141

 2.8662, 0.3292,
0.2687

290.4149, 0.3167,

 1.0623, 0.3342,

0.3150

0.2483

346.3031, 0.3165,
0.3158

0.0000, 0.3985,
0.0000

0.0000, 0.0000,
0.0000

55.8000, 0.3195,
0.3051

55.8000, 0.3195,
0.3051

46.8901, 0.3258,
0.2858

66.1200, 0.3141,
0.3238

39.3211, 0.3330,
0.2664

77.9009, 0.3095,
0.3415

33.0290, 0.3411,
0.2475

91.1997, 0.3057,
0.3582

27.9416, 0.3501,
0.2302

92.0686, 0.3026,
0.3533

■ 23.9794, 0.3598,
0.2154

■ 92.3800, 0.2997,
0.3476

■ 21.0535, 0.3699,
0.2041

■ 92.7008, 0.2967,
0.3419

■ 19.0614, 0.3801,
0.1972

■ 93.0313, 0.2938,
0.3363

■ 17.8795, 0.3900,
0.1952

■ 93.3714, 0.2909,
0.3307

■ 17.3845, 0.3969,
0.1960

■ 93.4842, 0.2900,
0.3289

Harmonies

Analogous

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



55.8000, 0.2995, 0.2968



55.8000, 0.3195, 0.3051



55.8000, 0.3382, 0.3193

Triad

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



55.8000, 0.3195, 0.3051



55.8000, 0.3423, 0.3623



55.8000, 0.2767, 0.3198

Complementary

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



55.8000, 0.3195, 0.3051



64.4070, 0.3066, 0.3541

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.



55.8000, 0.2875, 0.3384



55.8000, 0.3195, 0.3051



55.8000, 0.3252, 0.3636

Square

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



55.8000, 0.3195, 0.3051



55.8000, 0.3516, 0.3520



55.8000, 0.3051, 0.3548



55.8000, 0.2753, 0.3046

Rectangle

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



55.8000, 0.3195, 0.3051



55.8000, 0.3472, 0.3305



55.8000, 0.3051, 0.3548



55.8000, 0.2794, 0.3259

Sweetspot

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



55.8024, 0.3195, 0.3051



93.5012, 0.3147, 0.3217



53.0869, 0.2973, 0.2957



19.7597, 0.3151, 0.3203



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.



55.8024, 0.3195, 0.3051



77.3781, 0.3208, 0.3008



55.1567, 0.3301, 0.3204



13.2165, 0.3176, 0.3116



10.5467, 0.3956, 0.1953



0.6967, 0.3808, 0.1872

Inverse Universe

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



55.8024, 0.3195, 0.3051



77.3781, 0.3208, 0.3008



65.0507, 0.2978, 0.3378



13.2165, 0.3176, 0.3116



10.5467, 0.3956, 0.1953



0.6967, 0.3808, 0.1872

Previews

White Background



This preview shows how the Yxy color 55.8000, 0.3195, 0.3051 looks on a white background.

Color Contrast Check

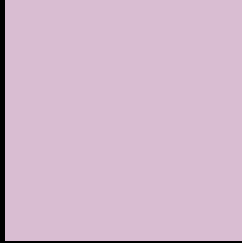
Large Text (above 18pt) WCAG AA × Fail

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 55.8000, 0.3195, 0.3051 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

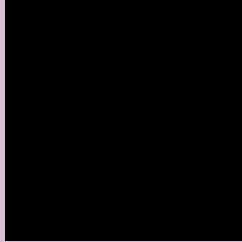
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.8000, 0.3195, 0.3051

Background



This preview shows how black text looks on a background with the Yxy color 55.8000, 0.3195, 0.3051.



This preview shows how white text looks on a background with the Yxy color 55.8000, 0.3195, 0.3051.

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

55.8000, 0.3195, 0.3051

Protanopia

56.0707, 0.2998, 0.3076

Deuteranopia

55.7636, 0.3146, 0.3070



Tritanopia

55.8336, 0.3225, 0.3118

Trichromacy



Original Color

55.8000, 0.3195, 0.3051

Protanomaly

55.7814, 0.3067, 0.3056

Deuteranomaly

55.6262, 0.3162, 0.3060

Tritanomaly

55.9308, 0.3210, 0.3095

Monochromacy



Original Color

55.8000, 0.3195, 0.3051

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

56.9613, 0.3147, 0.3196

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.8000, 0.3195, 0.3051 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(217, 189, 210)` looks like.

```
.text, #text, p{  
    color:rgb(217, 189, 210)  
}
```

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(217, 189, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 189, 210) }
```

Border

The CSS property to change the border of an element to Yxy 55.8000, 0.3195, 0.3051 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(217, 189, 210) }
```

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

```
.border{ border-color:rgb(217, 189, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 189, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(217, 189, 210); -webkit-box-shadow:4px 4px 4px 4px rgb(217, 189, 210); box-shadow:4px 4px 4px 4px rgb(217, 189, 210) }
```


Background

The CSS property to change the background color of an element to Yxy 55.8000, 0.3195, 0.3051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 189, 210) }
```

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

```
.background{ background-color: rgb(217,  
189, 210) }
```

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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