

Converting Colors

Yxy(55.3746, 0.3068, 0.3066)

Have a look what the booklet for
Yxy(55.3746, 0.3068, 0.3066)
contains.

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Color

Yxy(55.5899, 0.3066, 0.3067)

Conversions

Conversions Part 1

Format	Color
Hex	CBC1D4
RGB	203, 193, 212
RGB Percent	80%, 76%, 83%
CMY	0.2041, 0.2431, 0.1686
CMYK	0.04, 0.09, 0.00, 0.17
HSL	271°, 18%, 79%
HSV	271°, 9%, 83%
XYZ	55.5718, 55.5899, 70.0900
YIQ	198.1560, -0.1390, 8.0290

Conversions

Conversions Part 2

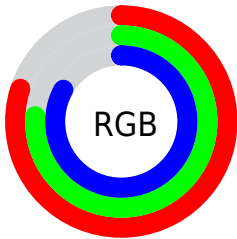
Format	Color
R _Y B	203, 193, 212
Decimal	13353428
CIE Lab	79.38, 6.98, -8.24
CIE LCh	79, 10.796, 310.249
Yxy	55.5899, 0.3066, 0.3067
Android (android.graphics.Color)	4291543508 (0xFFCBC1D4)
YUV	198.1560, 6.8251, 4.2482
Hunter-Lab	74.5586, 2.5662, -3.5455

Details

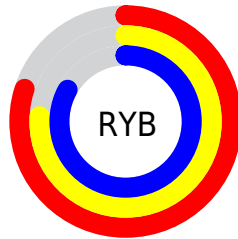
The Yxy color `55.5899, 0.3066, 0.3067` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `63.5073, 0.3184, 0.3514`, and the grayscale version is `56.5271, 0.3127, 0.3290`.

A 20% lighter version of the original color is `96.2314, 0.3130, 0.3233`, and `27.5800, 0.3055, 0.3024` is the 20% darker color. If you saturate the color by 10%, you get `45.5064, 0.2987, 0.2799`, and if you desaturate by 10%, it is `67.1144, 0.3134, 0.3315`.

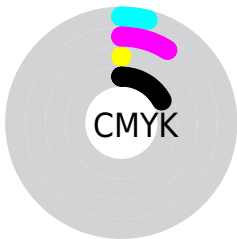
Distribution



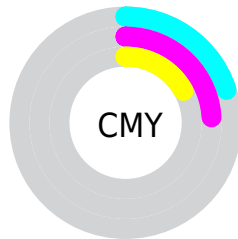
- Red (80%)
- Green (76%)
- Blue (83%)



- Red (80%)
- Yellow (76%)
- Blue (83%)



- Cyan (4%)
- Magenta (9%)
- Yellow (0%)
- Black (17%)





- Cyan (20%)
- Magenta (24%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.5899, 0.3066, 0.3067 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 55.5899, 0.3066, 0.3067 by changing the saturation by 10% instead.

 55.5899, 0.3066,
0.3067

 55.5899, 0.3066,
0.3067

408.1442, 0.3096,
0.3174

 39.8742, 0.3059,
0.3042


 98.4047, 0.3077,
0.3105

 27.4405, 0.3049,
0.3010


126.2726, 0.3081,
0.3119

 17.9043, 0.3037,
0.2969


158.9601, 0.3085,
0.3132

 10.8813, 0.3019,
0.2914

196.8515, 0.3088,
0.3142

 5.9871, 0.2994,
0.2836

240.3312, 0.3090,
0.3152

 2.8372, 0.2954,
0.2718

289.7836, 0.3092,

 1.0474, 0.2881,

0.3160

0.2518

345.5931, 0.3094,
0.3167

0.0000, 0.1732,
0.0000

0.0000, 0.0000,
0.0000

55.5899, 0.3066,
0.3067

55.5899, 0.3066,
0.3067

45.5064, 0.2987,
0.2799

67.1144, 0.3134,
0.3315

36.7981, 0.2895,
0.2515

80.1281, 0.3191,
0.3541

29.4048, 0.2791,
0.2222

93.6459, 0.3240,
0.3730

23.2586, 0.2676,
0.1928

95.3999, 0.3305,
0.3721

■ 18.2855, 0.2553,
0.1648

■ 97.2531, 0.3372,
0.3712

■ 14.4036, 0.2425,
0.1396

■ 97.5337, 0.3382,
0.3711

■ 11.5196, 0.2299,
0.1185

■ 9.5239, 0.2180,
0.1026

■ 8.2419, 0.2071,
0.0919

Harmonies

Analogous

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



55.5899, 0.2941, 0.3051



55.5899, 0.3066, 0.3067



55.5899, 0.3210, 0.3139

Triad

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



55.5899, 0.3066, 0.3067



55.5899, 0.3395, 0.3478



55.5899, 0.2923, 0.3327

Complementary

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



55.5899, 0.3066, 0.3067



63.5073, 0.3184, 0.3514

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.



55.5899, 0.3041, 0.3449



55.5899, 0.3066, 0.3067



55.5899, 0.3314, 0.3536

Square

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



55.5899, 0.3066, 0.3067



55.5899, 0.3402, 0.3373



55.5899, 0.3184, 0.3526



55.5899, 0.2860, 0.3197

Rectangle

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



55.5899, 0.3066, 0.3067



55.5899, 0.3298, 0.3210



55.5899, 0.3184, 0.3526



55.5899, 0.2957, 0.3370

Sweetspot

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



55.5923, 0.3066, 0.3067



94.5302, 0.3107, 0.3216



58.4271, 0.2989, 0.3173



19.9279, 0.3102, 0.3196



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.



55.5923, 0.3066, 0.3067



80.9408, 0.3050, 0.3011



56.8847, 0.3140, 0.3076



12.3250, 0.3063, 0.3055



5.0757, 0.2074, 0.0916



0.3553, 0.2259, 0.1018

Inverse Universe

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



56.4148, 0.3212, 0.3185



82.4818, 0.3235, 0.3159



62.2945, 0.3114, 0.3514



12.5185, 0.3217, 0.3179



9.2427, 0.5044, 0.2552



0.5742, 0.4644, 0.2332

Previews

White Background



This preview shows how the Yxy color 55.5899, 0.3066, 0.3067 looks on a white background.

Color Contrast Check

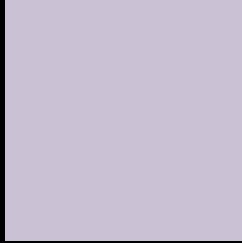
Large Text (above 18pt) WCAG AA × Fail

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 55.5899, 0.3066, 0.3067 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

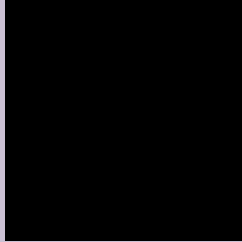
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

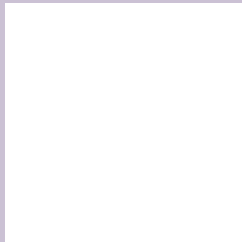
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.5899, 0.3066, 0.3067

Background



This preview shows how black text looks on a background with the Yxy color 55.5899, 0.3066, 0.3067.



This preview shows how white text looks on a background with the Yxy color 55.5899, 0.3066, 0.3067.

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

55.5899, 0.3066, 0.3067

Protanopia

55.4364, 0.2997, 0.3075

Deuteranopia

55.5704, 0.3115, 0.3047



Tritanopia

55.7436, 0.3080, 0.3113

Trichromacy



Original Color

55.5899, 0.3066, 0.3067

Protanomaly

55.3934, 0.3020, 0.3065

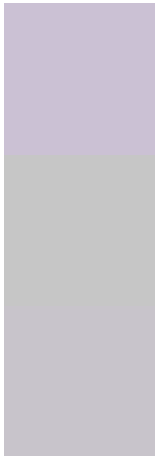
Deuteranomaly

55.7181, 0.3098, 0.3057

Tritanomaly

55.7933, 0.3073, 0.3101

Monochromacy



Original Color

55.5899, 0.3066, 0.3067

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.0710, 0.3107, 0.3206

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.5899, 0.3066, 0.3067 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(203, 193, 212)` looks like.

```
.text, #text, p{  
    color:rgb(203, 193, 212)  
}
```

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(203, 193, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 193, 212) }
```

Border

The CSS property to change the border of an element to Yxy 55.5899, 0.3066, 0.3067 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(203, 193, 212) }
```

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

```
.border{ border-color:rgb(203, 193, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 193, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 193, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 193, 212);  
box-shadow:4px 4px 4px 4px rgb(203, 193,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 55.5899, 0.3066, 0.3067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 193, 212) }
```

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

```
.background{ background-color: rgb(203,  
193, 212) }
```

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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