

Converting Colors

$Yxy(55.6774, 0.3032, 0.3089)$

Have a look what the booklet for
Yxy(55.6774, 0.3032, 0.3089)
contains.

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Color

Yxy(55.7894, 0.3027, 0.3088)

Conversions

Conversions Part 1

Format	Color
Hex	C6C3D4
RGB	198, 195, 212
RGB Percent	78%, 76%, 83%
CMY	0.2236, 0.2353, 0.1685
CMYK	0.07, 0.08, 0.00, 0.17
HSL	251°, 17%, 80%
HSV	251°, 8%, 83%
XYZ	54.6873, 55.7894, 70.1884
YIQ	197.8350, -3.6690, 5.9230

Conversions

Conversions Part 2

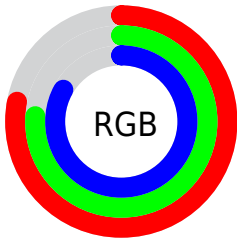
Format	Color
R _Y B	198, 195, 212
Decimal	13026260
CIE Lab	79.49, 4.25, -8.12
CIE LCh	79, 9.171, 297.638
Yxy	55.7894, 0.3027, 0.3088
Android (android.graphics.Color)	4291216340 (0xFFC6C3D4)
YUV	197.8350, 6.9833, 0.1447
Hunter-Lab	74.6923, -0.0195, -3.4302

Details

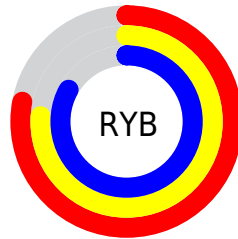
The Yxy color **55.7894, 0.3027, 0.3088** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.6005, 0.3223, 0.3487**, and the grayscale version is **56.3260, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1008, 0.3128, 0.3261**, and **27.4134, 0.3003, 0.3036** is the 20% darker color. If you saturate the color by 10%, you get **44.7148, 0.2886, 0.2810**, and if you desaturate by 10%, it is **68.4921, 0.3150, 0.3337**.

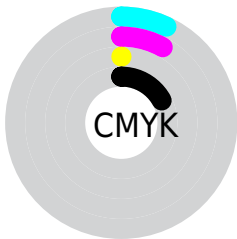
Distribution



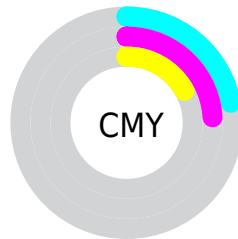
- Red (78%)
- Green (76%)
- Blue (83%)



- Red (78%)
- Yellow (76%)
- Blue (83%)



- Cyan (7%)
- Magenta (8%)
- Yellow (0%)
- Black (17%)



- Cyan (22%)
- Magenta (24%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.7894, 0.3027, 0.3088 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 55.7894, 0.3027, 0.3088 by changing the saturation by 10% instead.

■ 55.7894, 0.3027,
0.3088

■ 55.7894, 0.3027,
0.3088

408.8973, 0.3076,
0.3185

■ 40.0341, 0.3015,
0.3065

■ 98.6966, 0.3044,
0.3122

■ 27.5651, 0.3000,
0.3036

126.6173, 0.3051,
0.3136

■ 17.9981, 0.2981,
0.2998

159.3619, 0.3057,
0.3147

■ 10.9486, 0.2954,
0.2948

197.3148, 0.3062,
0.3157

■ 6.0323, 0.2915,
0.2876

240.8604, 0.3066,
0.3165

■ 2.8647, 0.2855,
0.2767

290.3831, 0.3070,

■ 1.0615, 0.2748,

0.3173

0.2580

346.2673, 0.3073,
0.3179

0.0000, 0.0907,
0.0000

0.0000, 0.0000,
0.0000

55.7894, 0.3027,
0.3088

55.7894, 0.3027,
0.3088

44.7148, 0.2886,
0.2810

68.4921, 0.3150,
0.3337

35.1953, 0.2726,
0.2503

82.8778, 0.3256,
0.3556

27.1629, 0.2549,
0.2175

96.6809, 0.3351,
0.3715

20.5419, 0.2361,
0.1837

97.5347, 0.3381,
0.3710

■ 15.2497, 0.2168,
0.1505

■ 11.1950, 0.1982,
0.1202

■ 8.2749, 0.1816,
0.0949

■ 6.3694, 0.1683,
0.0766

■ 5.3092, 0.1588,
0.0657

Harmonies

Analogous

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



55.7894, 0.2936, 0.3097



55.7894, 0.3027, 0.3088



55.7894, 0.3147, 0.3131

Triad

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



55.7894, 0.3027, 0.3088



55.7894, 0.3365, 0.3416



55.7894, 0.2991, 0.3367

Complementary

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



55.7894, 0.3027, 0.3088



64.6005, 0.3223, 0.3487

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.



55.7894, 0.3104, 0.3458



55.7894, 0.3027, 0.3088



55.7894, 0.3321, 0.3484

Square

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



55.7894, 0.3027, 0.3088



55.7894, 0.3343, 0.3317



55.7894, 0.3225, 0.3500



55.7894, 0.2916, 0.3257

Rectangle

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



55.7894, 0.3027, 0.3088



55.7894, 0.3227, 0.3183



55.7894, 0.3225, 0.3500



55.7894, 0.3026, 0.3401

Sweetspot

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



55.7918, 0.3027, 0.3088



96.0001, 0.3103, 0.3241



62.0505, 0.3004, 0.3256



20.5899, 0.3104, 0.3243



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.



55.7918, 0.3027, 0.3088



81.0232, 0.2999, 0.3033



56.9596, 0.3092, 0.3092



12.1123, 0.3008, 0.3051



3.2099, 0.1582, 0.0645



0.2260, 0.1735, 0.0730

Inverse Universe

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



57.6388, 0.3158, 0.3129



84.5111, 0.3167, 0.3086



63.4123, 0.3160, 0.3491



12.5936, 0.3164, 0.3100



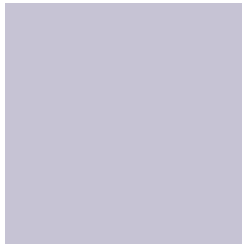
10.5611, 0.3706, 0.1815



0.6470, 0.3605, 0.1760

Previews

White Background



This preview shows how the Yxy color 55.7894, 0.3027, 0.3088 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 55.7894, 0.3027, 0.3088 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

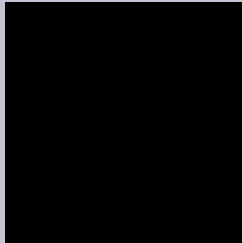
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

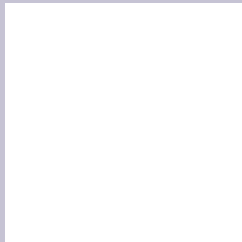
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.7894, 0.3027, 0.3088

Background



This preview shows how black text looks on a background with the Yxy color 55.7894, 0.3027, 0.3088.

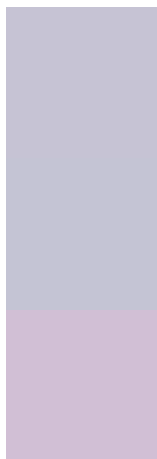


This preview shows how white text looks on a background with the Yxy color 55.7894, 0.3027, 0.3088.

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

55.7894, 0.3027, 0.3088

Protanopia

55.9691, 0.3012, 0.3099

Deuteranopia

55.6210, 0.3107, 0.3035



Tritanopia

55.7391, 0.3034, 0.3100

Trichromacy



Original Color

55.7894, 0.3027, 0.3088

Protanomaly

56.1036, 0.3019, 0.3100

Deuteranomaly

55.4825, 0.3075, 0.3045

Tritanomaly

55.7391, 0.3034, 0.3100

Monochromacy



Original Color

55.7894, 0.3027, 0.3088

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.2501, 0.3091, 0.3218

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.7894, 0.3027, 0.3088 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(198, 195, 212)` looks like.

```
.text, #text, p{  
    color:rgb(198, 195, 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(198, 195, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 195, 212) }
```

Border

The CSS property to change the border of an element to Yxy 55.7894, 0.3027, 0.3088 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(198, 195, 212) }
```

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

```
.border{ border-color:rgb(198, 195, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 195, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 195, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 195, 212);  
box-shadow:4px 4px 4px 4px rgb(198, 195,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 55.7894, 0.3027, 0.3088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 195, 212) }
```

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

```
.background{ background-color: rgb(198,  
195, 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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