

Converting Colors

$Y_{xy}(55.7092, 0.3020, 0.3066)$

Have a look what the booklet for
Yxy(55.7092, 0.3020, 0.3066)
contains.

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Color

Yxy(55.8401, 0.3020, 0.3077)

Conversions

Conversions Part 1

Format	Color
Hex	C6C3D5
RGB	198, 195, 213
RGB Percent	78%, 76%, 84%
CMY	0.2237, 0.2352, 0.1648
CMYK	0.07, 0.08, 0.00, 0.16
HSL	250°, 18%, 80%
HSV	250°, 8%, 84%
XYZ	54.8057, 55.8401, 70.8300
YIQ	197.9490, -3.9900, 6.2340

Conversions

Conversions Part 2

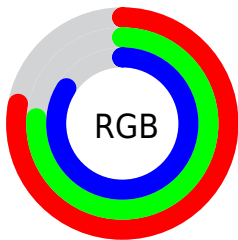
Format	Color
R _Y B	198, 195, 213
Decimal	13026261
CIE Lab	79.52, 4.43, -8.60
CIE LCh	80, 9.673, 297.252
Yxy	55.8401, 0.3020, 0.3077
Android (android.graphics.Color)	4291216341 (0xFFC6C3D5)
YUV	197.9490, 7.4201, 0.0447
Hunter-Lab	74.7262, 0.1445, -3.8902

Details

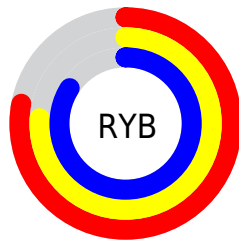
The Yxy color `55.8401, 0.3020, 0.3077` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `65.2290, 0.3229, 0.3497`, and the grayscale version is `56.3935, 0.3127, 0.3290`.

A 20% lighter version of the original color is `98.1008, 0.3128, 0.3261`, and `27.4477, 0.2993, 0.3021` is the 20% darker color. If you saturate the color by 10%, you get `44.6899, 0.2876, 0.2797`, and if you desaturate by 10%, it is `68.6407, 0.3146, 0.3327`.

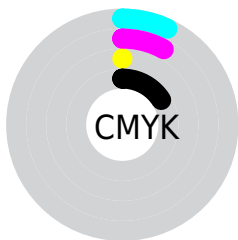
Distribution



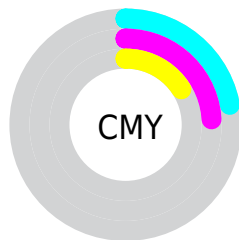
- Red (78%)
- Green (76%)
- Blue (84%)



- Red (78%)
- Yellow (76%)
- Blue (84%)



- Cyan (7%)
- Magenta (8%)
- Yellow (0%)
- Black (16%)



- Cyan (22%)
- Magenta (24%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.8401, 0.3020, 0.3077 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 55.8401, 0.3020, 0.3077 by changing the saturation by 10% instead.

■ 55.8401, 0.3020,
0.3077

■ 55.8401, 0.3020,
0.3077

409.0886, 0.3072,
0.3179

■ 40.0747, 0.3007,
0.3053

■ 98.7707, 0.3039,
0.3113

■ 27.5968, 0.2991,
0.3022

126.7048, 0.3046,
0.3127

■ 18.0220, 0.2970,
0.2983

159.4639, 0.3052,
0.3139

■ 10.9658, 0.2942,
0.2929

197.4324, 0.3057,
0.3149

■ 6.0438, 0.2901,
0.2854

240.9948, 0.3062,
0.3158

■ 2.8717, 0.2836,
0.2740

290.5353, 0.3066,

■ 1.0651, 0.2723,

0.3166

0.2545

346.4385, 0.3069,
0.3173

0.0000, 0.0963,
0.0000

0.0000, 0.0000,
0.0000

55.8401, 0.3020,
0.3077

55.8401, 0.3020,
0.3077

44.6899, 0.2876,
0.2797

68.6407, 0.3146,
0.3327

35.1159, 0.2713,
0.2489

83.1478, 0.3254,
0.3548

27.0486, 0.2534,
0.2159

96.9018, 0.3352,
0.3704

20.4106, 0.2343,
0.1819

97.5834, 0.3376,
0.3701

■ 15.1177, 0.2148,
0.1487

■ 11.0766, 0.1963,
0.1184

■ 8.1820, 0.1798,
0.0934

■ 6.3108, 0.1667,
0.0754

■ 5.2830, 0.1577,
0.0649

Harmonies

Analogous

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



55.8401, 0.2924, 0.3087



55.8401, 0.3020, 0.3077



55.8401, 0.3146, 0.3121

Triad

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



55.8401, 0.3020, 0.3077



55.8401, 0.3378, 0.3422



55.8401, 0.2985, 0.3373

Complementary

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



55.8401, 0.3020, 0.3077



65.2290, 0.3229, 0.3497

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.



55.8401, 0.3105, 0.3468



55.8401, 0.3020, 0.3077



55.8401, 0.3332, 0.3494

Square

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



55.8401, 0.3020, 0.3077



55.8401, 0.3355, 0.3317



55.8401, 0.3232, 0.3512



55.8401, 0.2905, 0.3256

Rectangle

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



55.8401, 0.3020, 0.3077



55.8401, 0.3231, 0.3176



55.8401, 0.3232, 0.3512



55.8401, 0.3022, 0.3409

Sweetspot

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



55.8425, 0.3020, 0.3077



94.0232, 0.3090, 0.3216



62.6444, 0.2998, 0.3258



19.7914, 0.3080, 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.



55.8425, 0.3020, 0.3077



80.9751, 0.2997, 0.3032



57.0629, 0.3088, 0.3081



12.1057, 0.3007, 0.3051



3.1821, 0.1574, 0.0641



0.2229, 0.1721, 0.0722

Inverse Universe

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



57.8367, 0.3159, 0.3118



84.5290, 0.3165, 0.3083



63.9821, 0.3164, 0.3501



12.5961, 0.3163, 0.3097



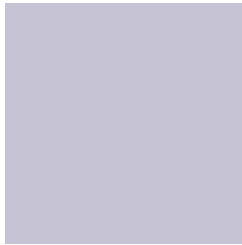
10.6182, 0.3670, 0.1796



0.6500, 0.3578, 0.1744

Previews

White Background



This preview shows how the Yxy color 55.8401, 0.3020, 0.3077 looks on a white background.

Color Contrast Check

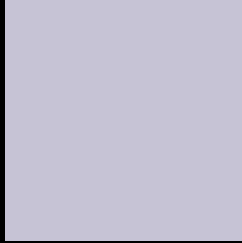
Large Text (above 18pt) WCAG AA × Fail

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 55.8401, 0.3020, 0.3077 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

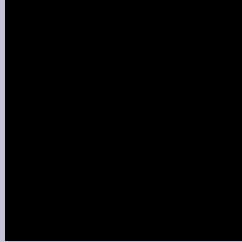
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.8401, 0.3020, 0.3077

Background



This preview shows how black text looks on a background with the Yxy color 55.8401, 0.3020, 0.3077.

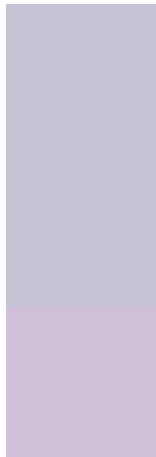


This preview shows how white text looks on a background with the Yxy color 55.8401, 0.3020, 0.3077.

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

55.8401, 0.3020, 0.3077

Protanopia

56.0197, 0.3005, 0.3088

Deuteranopia

55.5265, 0.3092, 0.3023



Tritanopia

55.7391, 0.3034, 0.3100

Trichromacy



Original Color

55.8401, 0.3020, 0.3077

Protanomaly

56.1543, 0.3012, 0.3088

Deuteranomaly

55.3917, 0.3060, 0.3033

Tritanomaly

55.7894, 0.3027, 0.3088

Monochromacy



Original Color

55.8401, 0.3020, 0.3077

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 55.8401, 0.3020, 0.3077 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, 213)` looks like.

```
.text, #text, p{  
    color:rgb(198, 195, 213)  
}
```

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, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 195, 213) }
```

Border

The CSS property to change the border of an element to Yxy 55.8401, 0.3020, 0.3077 is called "border". The border property can be set on classes, ids or directly on the HTML element.

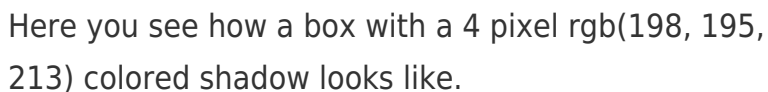
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(198, 195, 213) }
```

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

```
.border{ border-color:rgb(198, 195, 213) }
```

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, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 195, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 195, 213);  
box-shadow:4px 4px 4px 4px rgb(198, 195,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 55.8401, 0.3020, 0.3077 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, 213) }
```

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

```
.background{ background-color: rgb(198,  
195, 213) }
```

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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