

Converting Colors

$Y_{xy}(55.3774, 0.2954, 0.3028)$

Have a look what the booklet for
Yxy(55.3774, 0.2954, 0.3028)
contains.

Yxy(55.3774, 0.2954, 0.3028)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(55.3774, 0.2954, 0.3028)

Conversions

Conversions Part 1

Format	Color
Hex	C1C3D9
RGB	193, 195, 217
RGB Percent	76%, 76%, 85%
CMY	0.2433, 0.2352, 0.1490
CMYK	0.11, 0.10, 0.00, 0.15
HSL	235°, 24%, 80%
HSV	235°, 11%, 85%
XYZ	54.0241, 55.3774, 73.4830
YIQ	196.9100, -8.2540, 6.4180

Conversions

Conversions Part 2

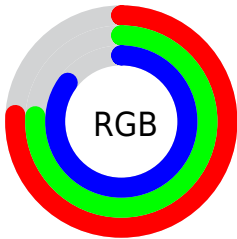
Format	Color
R _Y B	193, 195, 217
Decimal	12698585
CIE Lab	79.26, 3.58, -11.19
CIE LCh	79, 11.752, 287.745
Yxy	55.3774, 0.2954, 0.3028
Android (android.graphics.Color)	4290888665 (0xFFC1C3D9)
YUV	196.9100, 9.9044, -3.4291
Hunter-Lab	74.4160, -0.6417, -6.4554

Details

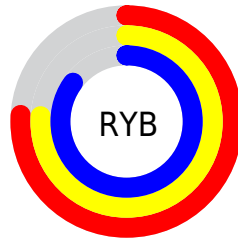
The Yxy color $55.3774, 0.2954, 0.3028$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $67.1716, 0.3294, 0.3539$, and the grayscale version is $55.7187, 0.3127, 0.3290$.

A 20% lighter version of the original color is $97.1648, 0.3097, 0.3261$, and $27.1474, 0.2906, 0.2955$ is the 20% darker color. If you saturate the color by 10%, you get $44.4231, 0.2778, 0.2759$, and if you desaturate by 10%, it is $67.9368, 0.3111, 0.3266$.

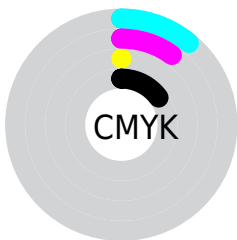
Distribution



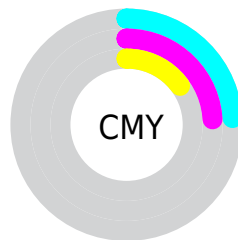
- Red (76%)
- Green (76%)
- Blue (85%)



- Red (76%)
- Yellow (76%)
- Blue (85%)



- Cyan (11%)
- Magenta (10%)
- Yellow (0%)
- Black (15%)



- Cyan (24%)
- Magenta (24%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.3774, 0.2954, 0.3028 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 55.3774, 0.2954, 0.3028 by changing the saturation by 10% instead.

■ 55.3774, 0.2954,
0.3028

■ 55.3774, 0.2954,
0.3028

407.3409, 0.3038,
0.3154

■ 39.7040, 0.2934,
0.2998

■ 98.0937, 0.2984,
0.3073

■ 27.3078, 0.2908,
0.2960

125.9053, 0.2996,
0.3090

■ 17.8045, 0.2875,
0.2912

158.5318, 0.3005,
0.3104

■ 10.8097, 0.2829,
0.2846

196.3576, 0.3014,
0.3117

■ 5.9390, 0.2764,
0.2754

239.7669, 0.3021,
0.3128

■ 2.8081, 0.2663,
0.2613

289.1444, 0.3027,

■ 1.0324, 0.2488,

0.3138

344.8742, 0.3033,
0.3146

0.2375

0.0000, 0.0134,
0.0000

0.0000, 0.0000,
0.0000

55.3774, 0.2954,
0.3028

55.3774, 0.2954,
0.3028

44.4231, 0.2778,
0.2759

67.9368, 0.3111,
0.3266

35.0026, 0.2587,
0.2460

82.1552, 0.3250,
0.3474

27.0493, 0.2383,
0.2139

97.5068, 0.3352,
0.3657

20.4893, 0.2176,
0.1806

97.7895, 0.3352,
0.3661

■ 15.2420, 0.1976,
0.1478

■ 11.2186, 0.1799,
0.1178

■ 8.3193, 0.1658,
0.0928

■ 6.4281, 0.1562,
0.0747

■ 5.4594, 0.1514,
0.0648

Harmonies

Analogous

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



55.3774, 0.2857, 0.3061



55.3774, 0.2954, 0.3028



55.3774, 0.3099, 0.3062

Triad

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



55.3774, 0.2954, 0.3028



55.3774, 0.3433, 0.3412



55.3774, 0.2997, 0.3433

Complementary

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



55.3774, 0.2954, 0.3028



67.1716, 0.3294, 0.3539

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.



55.3774, 0.3149, 0.3533



55.3774, 0.2954, 0.3028



55.3774, 0.3403, 0.3516

Square

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



55.3774, 0.2954, 0.3028



55.3774, 0.3379, 0.3279



55.3774, 0.3298, 0.3563



55.3774, 0.2881, 0.3293

Rectangle

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



55.3774, 0.2954, 0.3028



55.3774, 0.3205, 0.3117



55.3774, 0.3298, 0.3563



55.3774, 0.3045, 0.3473

Sweetspot

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



55.3797, 0.2954, 0.3028



94.1946, 0.3082, 0.3222



65.8413, 0.2973, 0.3318



19.8373, 0.3070, 0.3204



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.



55.3797, 0.2954, 0.3028



76.4037, 0.2920, 0.2976



55.7708, 0.3027, 0.3009



12.7950, 0.2981, 0.3069



3.3688, 0.1517, 0.0659



0.2815, 0.1562, 0.0824

Inverse Universe

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



56.8160, 0.3308, 0.3267



78.8417, 0.3346, 0.3262



66.7924, 0.3219, 0.3568



13.0695, 0.3278, 0.3270



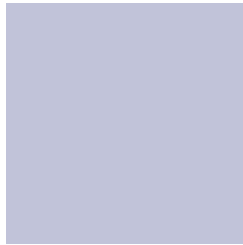
8.9638, 0.6300, 0.3244



0.5871, 0.6031, 0.3096

Previews

White Background



This preview shows how the Yxy color 55.3774, 0.2954, 0.3028 looks on a white background.

Color Contrast Check

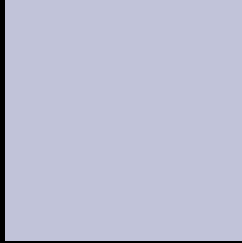
Large Text (above 18pt) WCAG AA × Fail

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 55.3774, 0.2954, 0.3028 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

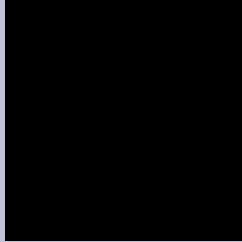
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.3774, 0.2954, 0.3028

Background



This preview shows how black text looks on a background with the Yxy color 55.3774, 0.2954, 0.3028.

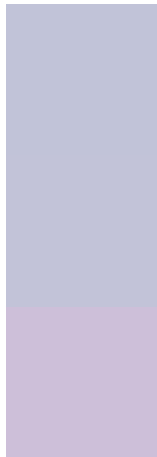


This preview shows how white text looks on a background with the Yxy color 55.3774, 0.2954, 0.3028.

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

55.3774, 0.2954, 0.3028

Protanopia

55.5093, 0.2962, 0.3028

Deuteranopia

55.3027, 0.3039, 0.2977



Tritanopia

55.3895, 0.2988, 0.3109

Trichromacy



Original Color

55.3774, 0.2954, 0.3028

Protanomaly

55.5093, 0.2962, 0.3028

Deuteranomaly

55.1787, 0.3008, 0.2986

Tritanomaly

55.4904, 0.2975, 0.3086

Monochromacy



Original Color

55.3774, 0.2954, 0.3028

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

55.5753, 0.3069, 0.3194

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.3774, 0.2954, 0.3028 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(193, 195, 217)` looks like.

```
.text, #text, p{  
    color:rgb(193, 195, 217)  
}
```

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(193, 195, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 195, 217) }
```

Border

The CSS property to change the border of an element to Yxy 55.3774, 0.2954, 0.3028 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(193, 195, 217) }
```

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

```
.border{ border-color:rgb(193, 195, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 195, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 195, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 195, 217);  
box-shadow:4px 4px 4px 4px rgb(193, 195,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 55.3774, 0.2954, 0.3028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 195, 217) }
```

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

```
.background{ background-color: rgb(193,  
195, 217) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor