

Converting Colors

$Y_{xy}(55.1075, 0.2969, 0.3047)$

Have a look what the booklet for
Yxy(55.1075, 0.2969, 0.3047)
contains.

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Color

Yxy(55.2740, 0.2968, 0.3051)

Conversions

Conversions Part 1

Format	Color
Hex	C1C3D7
RGB	193, 195, 215
RGB Percent	76%, 76%, 84%
CMY	0.2432, 0.2353, 0.1569
CMYK	0.10, 0.09, 0.00, 0.16
HSL	234°, 22%, 80%
HSV	234°, 10%, 84%
XYZ	53.7703, 55.2740, 72.1225
YIQ	196.6820, -7.6120, 5.7960

Conversions

Conversions Part 2

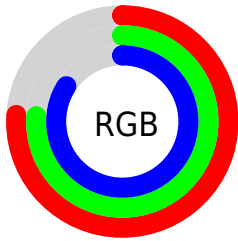
Format	Color
RYB	193, 195, 215
Decimal	12698583
CIELab	79.20, 3.19, -10.21
CIELCh	79, 10.692, 287.348
Yxy	55.2740, 0.2968, 0.3051
Android (android.graphics.Color)	4290888663 (0xFFC1C3D7)
YUV	196.6820, 9.0308, -3.2291
Hunter-Lab	74.3465, -1.0081, -5.4739

Details

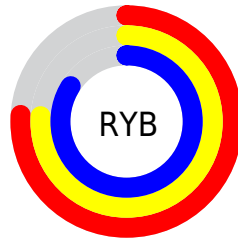
The Yxy color $55.2740, 0.2968, 0.3051$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $65.8736, 0.3281, 0.3518$, and the grayscale version is $55.5814, 0.3127, 0.3290$.

A 20% lighter version of the original color is $97.1648, 0.3097, 0.3261$, and $27.0768, 0.2924, 0.2986$ is the 20% darker color. If you saturate the color by 10%, you get $44.4672, 0.2794, 0.2787$, and if you desaturate by 10%, it is $67.6404, 0.3124, 0.3285$.

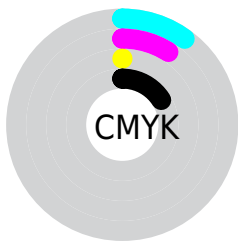
Distribution



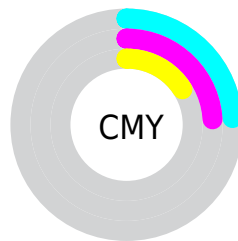
- Red (76%)
- Green (76%)
- Blue (84%)



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



- Cyan (10%)
- Magenta (9%)
- Yellow (0%)
- Black (16%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.2740, 0.2968, 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 55.2740, 0.2968, 0.3051 by changing the saturation by 10% instead.

■ 55.2740, 0.2968,
0.3051

■ 55.2740, 0.2968,
0.3051

406.9497, 0.3045,
0.3166

■ 39.6211, 0.2949,
0.3024

□ 97.9423, 0.2996,
0.3092

■ 27.2433, 0.2926,
0.2989

125.7265, 0.3006,
0.3107

■ 17.7560, 0.2895,
0.2944

158.3233, 0.3015,
0.3121

■ 10.7750, 0.2853,
0.2884

196.1171, 0.3023,
0.3132

■ 5.9157, 0.2793,
0.2799

239.4922, 0.3030,
0.3142

■ 2.7939, 0.2700,
0.2669

288.8331, 0.3036,

■ 1.0251, 0.2536,

0.3151

0.2447

344.5241, 0.3041,
0.3159

0.0000, 0.0000,
0.0000

55.2740, 0.2968,
0.3051

55.2740, 0.2968,
0.3051

44.4672, 0.2794,
0.2787

67.6404, 0.3124,
0.3285

35.1514, 0.2604,
0.2493

81.6176, 0.3261,
0.3489

27.2631, 0.2402,
0.2175

96.7884, 0.3366,
0.3668

20.7315, 0.2196,
0.1844

97.6862, 0.3364,
0.3681

15.4798, 0.1996,
0.1517

■ 11.4235, 0.1816,
0.1214

■ 8.4678, 0.1671,
0.0958

■ 6.5033, 0.1571,
0.0768

■ 5.3972, 0.1515,
0.0654

Harmonies

Analogous

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



55.2740, 0.2880, 0.3082



55.2740, 0.2968, 0.3051



55.2740, 0.3100, 0.3081

Triad

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



55.2740, 0.2968, 0.3051



55.2740, 0.3406, 0.3400



55.2740, 0.3010, 0.3422

Complementary

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



55.2740, 0.2968, 0.3051



65.8736, 0.3281, 0.3518

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.



55.2740, 0.3149, 0.3511



55.2740, 0.2968, 0.3051



55.2740, 0.3379, 0.3495

Square

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



55.2740, 0.2968, 0.3051



55.2740, 0.3355, 0.3279



55.2740, 0.3285, 0.3538



55.2740, 0.2904, 0.3295

Rectangle

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



55.2740, 0.2968, 0.3051



55.2740, 0.3196, 0.3131



55.2740, 0.3285, 0.3538



55.2740, 0.3055, 0.3457

Sweetspot

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



55.2763, 0.2968, 0.3051



94.2248, 0.3082, 0.3223



64.7294, 0.2985, 0.3315



19.8454, 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.



55.2763, 0.2968, 0.3051



78.1837, 0.2937, 0.3004



55.5687, 0.3035, 0.3032



12.1901, 0.2981, 0.3071



3.2958, 0.1518, 0.0666



0.2634, 0.1570, 0.0851

Inverse Universe

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



56.5222, 0.3291, 0.3267



80.3442, 0.3326, 0.3263



65.5991, 0.3212, 0.3546



12.4391, 0.3277, 0.3269



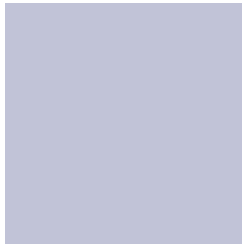
8.6776, 0.6290, 0.3238



0.5299, 0.5988, 0.3072

Previews

White Background



This preview shows how the Yxy color 55.2740, 0.2968, 0.3051 looks on a white background.

Color Contrast Check

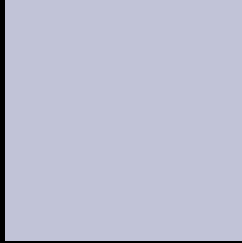
Large Text (above 18pt) WCAG AA × Fail

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 55.2740, 0.2968, 0.3051 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

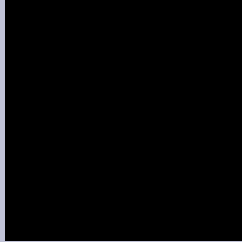
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

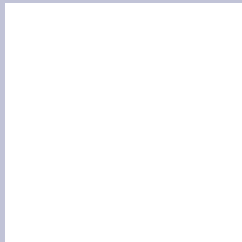
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.2740, 0.2968, 0.3051

Background



This preview shows how black text looks on a background with the Yxy color 55.2740, 0.2968, 0.3051.

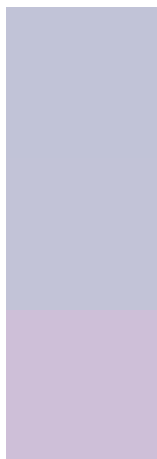


This preview shows how white text looks on a background with the Yxy color 55.2740, 0.2968, 0.3051.

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

55.2740, 0.2968, 0.3051

Protanopia

55.4058, 0.2976, 0.3051

Deuteranopia

55.3413, 0.3061, 0.3000



Tritanopia

55.3895, 0.2988, 0.3109

Trichromacy



Original Color

55.2740, 0.2968, 0.3051

Protanomaly

55.4058, 0.2976, 0.3051

Deuteranomaly

55.0746, 0.3022, 0.3008

Tritanomaly

55.4398, 0.2981, 0.3098

Monochromacy



Original Color

55.2740, 0.2968, 0.3051

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 55.2740, 0.2968, 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(193, 195, 215)` looks like.

```
.text, #text, p{  
    color:rgb(193, 195, 215)  
}
```

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, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 195, 215) }
```

Border

The CSS property to change the border of an element to Yxy 55.2740, 0.2968, 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(193, 195, 215) }
```

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

```
.border{ border-color:rgb(193, 195, 215) }
```

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, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 195, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 195, 215);  
box-shadow:4px 4px 4px 4px rgb(193, 195,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 55.2740, 0.2968, 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(193, 195, 215) }
```

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

```
.background{ background-color: rgb(193,  
195, 215) }
```

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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