

Converting Colors

Yxy(54.3556, 0.3010, 0.3062)

Have a look what the booklet for
Yxy(54.3556, 0.3010, 0.3062)
contains.

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Color

Yxy(54.4955, 0.3004, 0.3063)

Conversions

Conversions Part 1

Format	Color
Hex	C3C1D4
RGB	195, 193, 212
RGB Percent	76%, 76%, 83%
CMY	0.2355, 0.2430, 0.1687
CMYK	0.08, 0.09, 0.00, 0.17
HSL	246°, 18%, 79%
HSV	246°, 9%, 83%
XYZ	53.4458, 54.4955, 69.9741
YIQ	195.7640, -4.9070, 6.3330

Conversions

Conversions Part 2

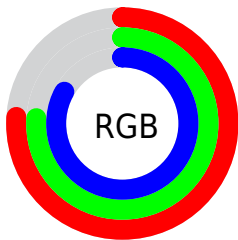
Format	Color
RYB	195, 193, 212
Decimal	12829140
CIELab	78.75, 4.29, -9.23
CIELCh	79, 10.179, 294.926
Yxy	54.4955, 0.3004, 0.3063
Android (android.graphics.Color)	4291019220 (0xFFC3C1D4)
YUV	195.7640, 8.0043, -0.6700
Hunter-Lab	73.8211, 0.0456, -4.5256

Details

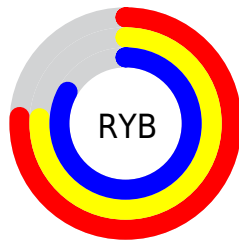
The Yxy color **54.4955, 0.3004, 0.3063** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.6381, 0.3245, 0.3509**, and the grayscale version is **55.0028, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.6668, 0.3111, 0.3232**, and **26.8532, 0.2972, 0.3018** is the 20% darker color. If you saturate the color by 10%, you get **43.4090, 0.2848, 0.2779**, and if you desaturate by 10%, it is **67.2537, 0.3141, 0.3315**.

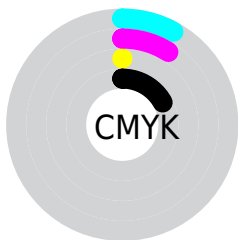
Distribution



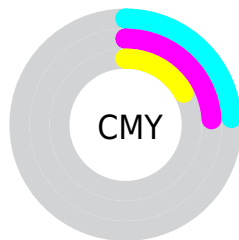
- Red (76%)
- Green (76%)
- Blue (83%)



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



- Cyan (8%)
- Magenta (9%)
- Yellow (0%)
- Black (17%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.4955, 0.3004, 0.3063 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 54.4955, 0.3004, 0.3063 by changing the saturation by 10% instead.

■ 54.4955, 0.3004,
0.3063

■ 54.4955, 0.3004,
0.3063

403.9967, 0.3064,
0.3172

■ 38.9979, 0.2989,
0.3037

■ 96.8014, 0.3026,
0.3102

■ 26.7581, 0.2971,
0.3004

124.3785, 0.3034,
0.3117

■ 17.3917, 0.2946,
0.2961

156.7510, 0.3041,
0.3129

■ 10.5141, 0.2913,
0.2904

194.3031, 0.3047,
0.3140

■ 5.7411, 0.2865,
0.2822

237.4194, 0.3052,
0.3150

■ 2.6883, 0.2790,
0.2697

286.4841, 0.3057,

■ 0.9713, 0.2655,

0.3158

0.2482

341.8818, 0.3061,
0.3166

0.0000, 0.0000,
0.0000

54.4955, 0.3004,
0.3063

54.4955, 0.3004,
0.3063

43.4090, 0.2848,
0.2779

67.2537, 0.3141,
0.3315

33.9183, 0.2672,
0.2466

81.7418, 0.3259,
0.3536

25.9518, 0.2481,
0.2129

96.9865, 0.3363,
0.3713

19.4299, 0.2279,
0.1783

97.5324, 0.3382,
0.3711

14.2657, 0.2078,
0.1445

■ 10.3629, 0.1890,
0.1140

■ 7.6123, 0.1730,
0.0892

■ 5.8863, 0.1611,
0.0720

■ 4.9889, 0.1537,
0.0625

Harmonies

Analogous

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



54.4955, 0.2906, 0.3078



54.4955, 0.3004, 0.3063



54.4955, 0.3136, 0.3106

Triad

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



54.4955, 0.3004, 0.3063



54.4955, 0.3394, 0.3422



54.4955, 0.2985, 0.3387

Complementary

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



54.4955, 0.3004, 0.3063



64.6381, 0.3245, 0.3509

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.



54.4955, 0.3114, 0.3485



54.4955, 0.3004, 0.3063



54.4955, 0.3351, 0.3502

Square

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



54.4955, 0.3004, 0.3063



54.4955, 0.3364, 0.3309



54.4955, 0.3248, 0.3527



54.4955, 0.2896, 0.3263

Rectangle

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



54.4955, 0.3004, 0.3063



54.4955, 0.3227, 0.3161



54.4955, 0.3248, 0.3527



54.4955, 0.3025, 0.3424

Sweetspot

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



54.4978, 0.3004, 0.3063



93.9350, 0.3087, 0.3216



62.2274, 0.2990, 0.3267



19.7677, 0.3076, 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.



54.4978, 0.3004, 0.3063



78.9189, 0.2972, 0.3004



55.7968, 0.3078, 0.3068



12.0682, 0.2997, 0.3050



3.0564, 0.1537, 0.0620



0.2053, 0.1639, 0.0676

Inverse Universe

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



56.8009, 0.3152, 0.3094



83.2093, 0.3158, 0.3045



63.2906, 0.3173, 0.3514



12.6100, 0.3153, 0.3083



10.9595, 0.3480, 0.1691



0.6674, 0.3427, 0.1662

Previews

White Background



This preview shows how the Yxy color 54.4955, 0.3004, 0.3063 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 54.4955, 0.3004, 0.3063 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

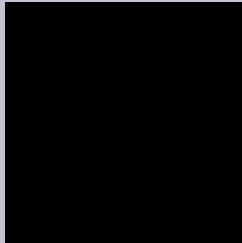
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

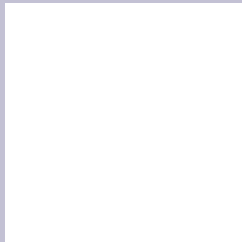
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.4955, 0.3004, 0.3063

Background



This preview shows how black text looks on a background with the Yxy color 54.4955, 0.3004, 0.3063.

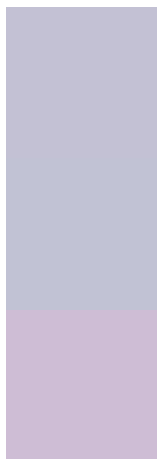


This preview shows how white text looks on a background with the Yxy color 54.4955, 0.3004, 0.3063.

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

54.4955, 0.3004, 0.3063

Protanopia

54.6745, 0.2989, 0.3074

Deuteranopia

54.3211, 0.3084, 0.3010



Tritanopia

54.6564, 0.3018, 0.3109

Trichromacy



Original Color

54.4955, 0.3004, 0.3063

Protanomaly

54.8064, 0.2997, 0.3074

Deuteranomaly

54.1876, 0.3052, 0.3019

Tritanomaly

54.7061, 0.3011, 0.3098

Monochromacy



Original Color

54.4955, 0.3004, 0.3063

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

55.0302, 0.3084, 0.3205

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.4955, 0.3004, 0.3063 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(195, 193, 212)` looks like.

```
.text, #text, p{  
    color:rgb(195, 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(195, 193, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 193, 212) }
```

Border

The CSS property to change the border of an element to Yxy 54.4955, 0.3004, 0.3063 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(195, 193, 212) }
```

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

```
.border{ border-color:rgb(195, 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(195, 193, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 193, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 193, 212);  
box-shadow:4px 4px 4px 4px rgb(195, 193,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 54.4955, 0.3004, 0.3063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 193, 212) }
```

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

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