

Converting Colors

$Yxy(55.6041, 0.3024, 0.3052)$

Have a look what the booklet for
Yxy(55.6041, 0.3024, 0.3052)
contains.

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Color

Yxy(55.5807, 0.3021, 0.3054)

Conversions

Conversions Part 1

Format	Color
Hex	C7C2D6
RGB	199, 194, 214
RGB Percent	78%, 76%, 84%
CMY	0.2196, 0.2392, 0.1609
CMYK	0.07, 0.09, 0.00, 0.16
HSL	255°, 20%, 80%
HSV	255°, 9%, 84%
XYZ	54.9801, 55.5807, 71.4323
YIQ	197.7750, -3.4400, 7.2800

Conversions

Conversions Part 2

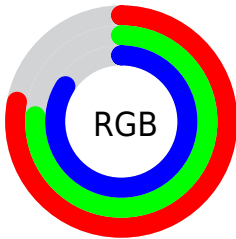
Format	Color
R _Y B	199, 194, 214
Decimal	13091542
CIE Lab	79.37, 5.51, -9.34
CIE LCh	79, 10.847, 300.521
Yxy	55.5807, 0.3021, 0.3054
Android (android.graphics.Color)	4291281622 (0xFFC7C2D6)
YUV	197.7750, 7.9989, 1.0743
Hunter-Lab	74.5525, 1.1714, -4.6219

Details

The Yxy color `55.5807, 0.3021, 0.3054` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `65.5294, 0.3227, 0.3521`, and the grayscale version is `56.2811, 0.3127, 0.3290`.

A 20% lighter version of the original color is `96.8512, 0.3129, 0.3242`, and `27.2791, 0.2994, 0.2991` is the 20% darker color. If you saturate the color by 10%, you get `44.6534, 0.2891, 0.2774`, and if you desaturate by 10%, it is `68.1155, 0.3134, 0.3306`.

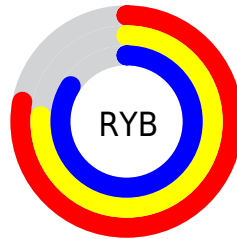
Distribution



Red (78%)

Green (76%)

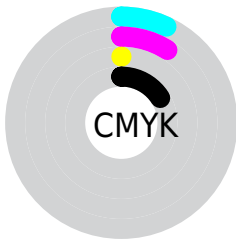
Blue (84%)



Red (78%)

Yellow (76%)

Blue (84%)

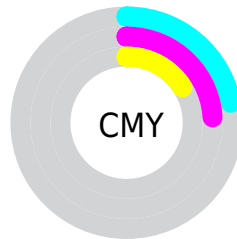


Cyan (7%)

Magenta (9%)

Yellow (0%)

Black (16%)



Cyan (22%)

Magenta (24%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.5807, 0.3021, 0.3054 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 55.5807, 0.3021, 0.3054 by changing the saturation by 10% instead.

■ 55.5807, 0.3021,
0.3054

■ 55.5807, 0.3021,
0.3054

408.1094, 0.3073,
0.3167

■ 39.8668, 0.3008,
0.3027

■ 98.3913, 0.3040,
0.3094

■ 27.4347, 0.2992,
0.2993

126.2567, 0.3047,
0.3109

■ 17.9000, 0.2971,
0.2950

158.9416, 0.3053,
0.3123

■ 10.8782, 0.2943,
0.2891

196.8301, 0.3058,
0.3134

■ 5.9850, 0.2901,
0.2809

240.3068, 0.3062,
0.3144

■ 2.8360, 0.2837,
0.2683

289.7559, 0.3066,

■ 1.0467, 0.2721,

0.3152

0.2471

345.5620, 0.3070,
0.3160

0.0000, 0.1062,
0.0000

0.0000, 0.0000,
0.0000

55.5807, 0.3021,
0.3054

55.5807, 0.3021,
0.3054

44.6534, 0.2891,
0.2774

68.1155, 0.3134,
0.3306

35.2611, 0.2743,
0.2470

82.3125, 0.3231,
0.3530

27.3361, 0.2579,
0.2147

96.1733, 0.3318,
0.3698

20.8030, 0.2403,
0.1817

97.6339, 0.3370,
0.3691

■ 15.5792, 0.2221,
0.1497

■ 11.5737, 0.2044,
0.1206

■ 8.6829, 0.1882,
0.0965

■ 6.7856, 0.1747,
0.0790

■ 5.6856, 0.1644,
0.0682

Harmonies

Analogous

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



55.5807, 0.2909, 0.3058



55.5807, 0.3021, 0.3054



55.5807, 0.3164, 0.3110

Triad

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



55.5807, 0.3021, 0.3054



55.5807, 0.3407, 0.3449



55.5807, 0.2956, 0.3369

Complementary

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



55.5807, 0.3021, 0.3054



65.5294, 0.3227, 0.3521

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.



55.5807, 0.3086, 0.3481



55.5807, 0.3021, 0.3054



55.5807, 0.3348, 0.3525

Square

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



55.5807, 0.3021, 0.3054



55.5807, 0.3389, 0.3334



55.5807, 0.3230, 0.3538



55.5807, 0.2872, 0.3237

Rectangle

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



55.5807, 0.3021, 0.3054



55.5807, 0.3258, 0.3173



55.5807, 0.3230, 0.3538



55.5807, 0.2995, 0.3411

Sweetspot

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



55.5831, 0.3021, 0.3054



94.1440, 0.3094, 0.3216



61.9174, 0.2984, 0.3231



19.8238, 0.3085, 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.



55.5831, 0.3021, 0.3054



79.6175, 0.2999, 0.3006



56.9937, 0.3099, 0.3060



12.1573, 0.3020, 0.3052



3.4424, 0.1650, 0.0682



0.2471, 0.1829, 0.0781

Inverse Universe

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



57.4820, 0.3175, 0.3118



82.9471, 0.3185, 0.3085



64.1188, 0.3153, 0.3526



12.5771, 0.3176, 0.3117



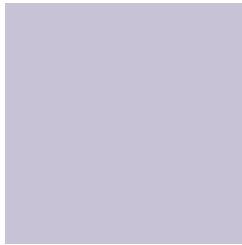
10.2027, 0.3958, 0.1954



0.6283, 0.3801, 0.1868

Previews

White Background



This preview shows how the Yxy color 55.5807, 0.3021, 0.3054 looks on a white background.

Color Contrast Check

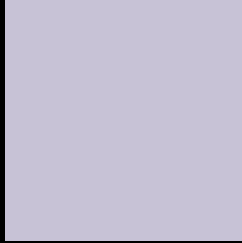
Large Text (above 18pt) WCAG AA × Fail

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 55.5807, 0.3021, 0.3054 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

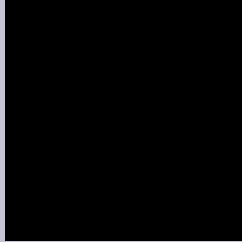
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

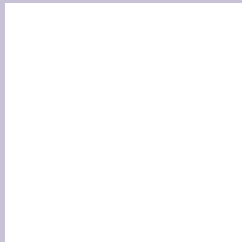
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.5807, 0.3021, 0.3054

Background



This preview shows how black text looks on a background with the Yxy color 55.5807, 0.3021, 0.3054.



This preview shows how white text looks on a background with the Yxy color 55.5807, 0.3021, 0.3054.

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

55.5807, 0.3021, 0.3054

Protanopia

55.5386, 0.2983, 0.3052

Deuteranopia

55.4333, 0.3077, 0.3012



Tritanopia

55.6891, 0.3042, 0.3111

Trichromacy



Original Color

55.5807, 0.3021, 0.3054

Protanomaly

55.6723, 0.2991, 0.3053

Deuteranomaly

55.4429, 0.3053, 0.3021

Tritanomaly

55.7391, 0.3034, 0.3100

Monochromacy



Original Color

55.5807, 0.3021, 0.3054

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.2979, 0.3084, 0.3206

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.5807, 0.3021, 0.3054 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(199, 194, 214)` looks like.

```
.text, #text, p{  
    color:rgb(199, 194, 214)  
}
```

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(199, 194, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 194, 214) }
```

Border

The CSS property to change the border of an element to Yxy 55.5807, 0.3021, 0.3054 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(199, 194, 214) }
```

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

```
.border{ border-color:rgb(199, 194, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 194, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 194, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 194, 214);  
box-shadow:4px 4px 4px 4px rgb(199, 194,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 55.5807, 0.3021, 0.3054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 194, 214) }
```

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

```
.background{ background-color: rgb(199,  
194, 214) }
```

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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