

Converting Colors

$Yxy(55.2682, 0.2970, 0.3097)$

Have a look what the booklet for
Yxy(55.2682, 0.2970, 0.3097)
contains.

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Color

Yxy(55.3097, 0.2974, 0.3097)

Conversions

Conversions Part 1

Format	Color
Hex	BFC4D4
RGB	191, 196, 212
RGB Percent	75%, 77%, 83%
CMY	0.2509, 0.2314, 0.1686
CMYK	0.10, 0.08, 0.00, 0.17
HSL	226°, 20%, 79%
HSV	226°, 10%, 83%
XYZ	53.1130, 55.3097, 70.1685
YIQ	196.3290, -8.1160, 3.9160

Conversions

Conversions Part 2

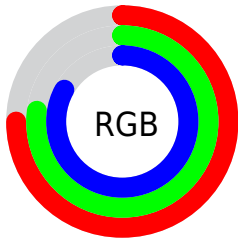
Format	Color
RYB	191, 195, 212
Decimal	12567764
CIELab	79.22, 1.41, -8.58
CIELCh	79, 8.696, 279.317
Yxy	55.3097, 0.2974, 0.3097
Android (android.graphics.Color)	4290757844 (0xFFBFC4D4)
YUV	196.3290, 7.7258, -4.6735
Hunter-Lab	74.3705, -2.6694, -3.8807

Details

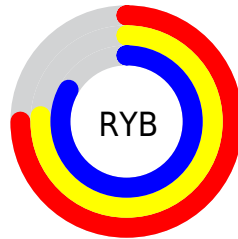
The Yxy color $55.3097, 0.2974, 0.3097$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $62.3989, 0.3280, 0.3476$, and the grayscale version is $55.3689, 0.3127, 0.3290$.

A 20% lighter version of the original color is $97.2447, 0.3078, 0.3271$, and $27.1836, 0.2942, 0.3048$ is the 20% darker color. If you saturate the color by 10%, you get $45.8536, 0.2806, 0.2878$, and if you desaturate by 10%, it is $65.9545, 0.3129, 0.3292$.

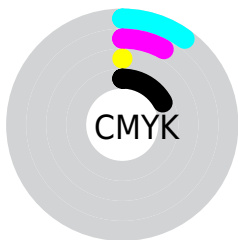
Distribution



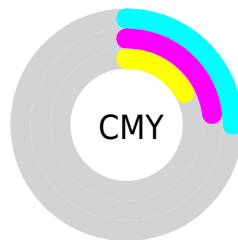
- Red (75%)
- Green (77%)
- Blue (83%)



- Red (75%)
- Yellow (76%)
- Blue (83%)



- Cyan (10%)
- Magenta (8%)
- Yellow (0%)
- Black (17%)



- Cyan (25%)
- Magenta (23%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.3097, 0.2974, 0.3097 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 55.3097, 0.2974, 0.3097 by changing the saturation by 10% instead.

■ 55.3097, 0.2974,
0.3097

■ 55.3097, 0.2974,
0.3097

407.0848, 0.3048,
0.3190

■ 39.6497, 0.2956,
0.3075

■ 97.9946, 0.3001,
0.3130

■ 27.2656, 0.2933,
0.3046

125.7883, 0.3011,
0.3143

■ 17.7728, 0.2904,
0.3010

158.3953, 0.3019,
0.3154

■ 10.7870, 0.2864,
0.2960

196.2001, 0.3027,
0.3163

■ 5.9238, 0.2806,
0.2890

239.5871, 0.3033,
0.3171

■ 2.7988, 0.2717,
0.2781

288.9406, 0.3039,

■ 1.0276, 0.2561,

0.3178

0.2593

344.6450, 0.3044,
0.3185

0.0000, 0.0000,
0.0000

55.3097, 0.2974,
0.3097

55.3097, 0.2974,
0.3097

45.8536, 0.2806,
0.2878

65.9545, 0.3129,
0.3292

37.5373, 0.2626,
0.2634

77.8205, 0.3269,
0.3463

30.3188, 0.2438,
0.2368

90.9481, 0.3395,
0.3612

24.1509, 0.2247,
0.2087

97.5339, 0.3382,
0.3711

18.9826, 0.2063,
0.1798

■ 14.7586, 0.1894,
0.1516

■ 11.4177, 0.1752,
0.1254

■ 8.8905, 0.1643,
0.1030

■ 7.0777, 0.1570,
0.0852

Harmonies

Analogous

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



55.3097, 0.2915, 0.3137



55.3097, 0.2974, 0.3097



55.3097, 0.3075, 0.3108

Triad

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



55.3097, 0.2974, 0.3097



55.3097, 0.3348, 0.3355



55.3097, 0.3061, 0.3420

Complementary

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



55.3097, 0.2974, 0.3097



62.3989, 0.3280, 0.3476

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.



55.3097, 0.3177, 0.3481



55.3097, 0.2974, 0.3097



55.3097, 0.3344, 0.3440

Square

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



55.3097, 0.2974, 0.3097



55.3097, 0.3292, 0.3255



55.3097, 0.3281, 0.3487



55.3097, 0.2965, 0.3323

Rectangle

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



55.3097, 0.2974, 0.3097



55.3097, 0.3152, 0.3142



55.3097, 0.3281, 0.3487



55.3097, 0.3099, 0.3445

Sweetspot

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



55.3120, 0.2974, 0.3097



94.9117, 0.3082, 0.3233



62.6630, 0.3010, 0.3352



20.0301, 0.3069, 0.3218



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.



55.3120, 0.2974, 0.3097



80.6549, 0.2938, 0.3050



53.7943, 0.3014, 0.3039



12.4824, 0.2982, 0.3107



4.4895, 0.1576, 0.0872



0.4004, 0.1668, 0.1205

Inverse Universe

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



55.2529, 0.3261, 0.3232



80.5936, 0.3295, 0.3218



64.0844, 0.3233, 0.3535



12.4686, 0.3254, 0.3235



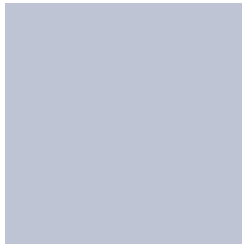
8.7981, 0.5956, 0.3055



0.5437, 0.5459, 0.2781

Previews

White Background



This preview shows how the Yxy color 55.3097, 0.2974, 0.3097 looks on a white background.

Color Contrast Check

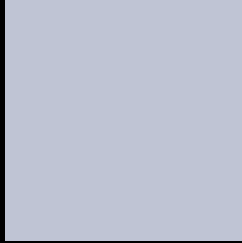
Large Text (above 18pt) WCAG AA × Fail

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 55.3097, 0.2974, 0.3097 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

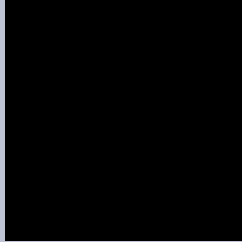
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

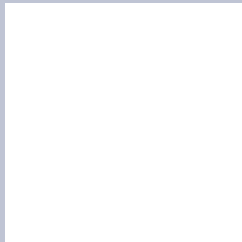
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.3097, 0.2974, 0.3097

Background



This preview shows how black text looks on a background with the Yxy color 55.3097, 0.2974, 0.3097.

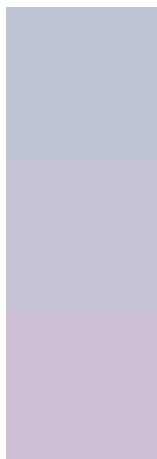


This preview shows how white text looks on a background with the Yxy color 55.3097, 0.2974, 0.3097.

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

55.3097, 0.2974, 0.3097

Protanopia

55.3355, 0.3011, 0.3098

Deuteranopia

55.3311, 0.3091, 0.3034



Tritanopia

55.3097, 0.2974, 0.3097

Trichromacy



Original Color

55.3097, 0.2974, 0.3097

Protanomaly

55.2027, 0.3004, 0.3098

Deuteranomaly

55.3615, 0.3044, 0.3054

Tritanomaly

55.3097, 0.2974, 0.3097

Monochromacy



Original Color

55.3097, 0.2974, 0.3097

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

55.2135, 0.3068, 0.3217

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.3097, 0.2974, 0.3097 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(191, 196, 212)` looks like.

```
.text, #text, p{  
    color:rgb(191, 196, 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(191, 196, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 196, 212) }
```

Border

The CSS property to change the border of an element to Yxy 55.3097, 0.2974, 0.3097 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(191, 196, 212) }
```

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

```
.border{ border-color:rgb(191, 196, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 196, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 196, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 196, 212);  
box-shadow:4px 4px 4px 4px rgb(191, 196,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 55.3097, 0.2974, 0.3097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 196, 212) }
```

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

```
.background{ background-color: rgb(191,  
196, 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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