

Converting Colors

$Yxy(55.6526, 0.2872, 0.2913)$

Have a look what the booklet for
Yxy(55.6526, 0.2872, 0.2913)
contains.

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Color

Yxy(55.6526, 0.2872, 0.2913)

Conversions

Conversions Part 1

Format	Color
Hex	BFC3E3
RGB	191, 195, 227
RGB Percent	75%, 76%, 89%
CMY	0.2509, 0.2353, 0.1098
CMYK	0.16, 0.14, 0.00, 0.11
HSL	233°, 39%, 82%
HSV	233°, 16%, 89%
XYZ	54.8693, 55.6526, 80.5272
YIQ	197.4520, -12.6560, 9.1040

Conversions

Conversions Part 2

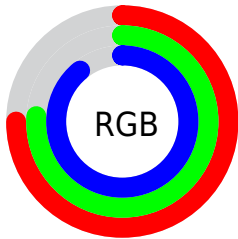
Format	Color
R_{YB}	191, 195, 227
Decimal	12567523
CIE Lab	79.42, 5.05, -16.36
CIE LCh	79, 17.119, 287.163
Yxy	55.6526, 0.2872, 0.2913
Android (android.graphics.Color)	4290757603 (0xFFBFC3E3)
YUV	197.4520, 14.5672, -5.6584
Hunter-Lab	74.6007, 0.7368, -11.7797

Details

The Yxy color **55.6526, 0.2872, 0.2913** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **72.8822, 0.3371, 0.3641**, and the grayscale version is **56.0408, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.7973, 0.3085, 0.3261**, and **27.3467, 0.2799, 0.2805** is the 20% darker color. If you saturate the color by 10%, you get **44.4925, 0.2689, 0.2637**, and if you desaturate by 10%, it is **68.4966, 0.3038, 0.3160**.

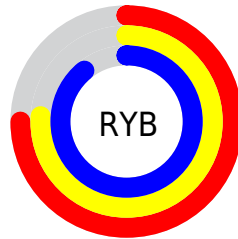
Distribution



Red (75%)

Green (76%)

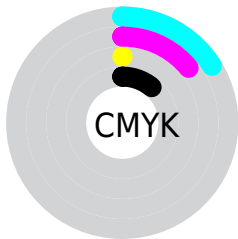
Blue (89%)



Red (75%)

Yellow (76%)

Blue (89%)

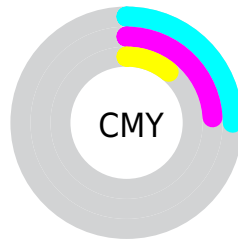


Cyan (16%)

Magenta (14%)

Yellow (0%)

Black (11%)



Cyan (25%)

Magenta (24%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.6526, 0.2872, 0.2913 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 55.6526, 0.2872, 0.2913 by changing the saturation by 10% instead.

■ 55.6526, 0.2872,
0.2913

■ 55.6526, 0.2872,
0.2913

408.3810, 0.2996,
0.3093

■ 39.9245, 0.2842,
0.2871

■ 98.4965, 0.2916,
0.2976

■ 27.4797, 0.2805,
0.2818

126.3810, 0.2933,
0.3001

■ 17.9338, 0.2756,
0.2749

159.0864, 0.2947,
0.3022

■ 10.9025, 0.2691,
0.2659

196.9971, 0.2960,
0.3040

■ 6.0013, 0.2598,
0.2532

240.4975, 0.2970,
0.3056

■ 2.8459, 0.2456,
0.2344

289.9721, 0.2980,

■ 1.0518, 0.2217,

0.3069

0.2038

345.8051, 0.2988,
0.3082

0.0000, 0.0543,
0.0000

0.0000, 0.0000,
0.0000

55.6526, 0.2872,
0.2913

55.6526, 0.2872,
0.2913

44.4925, 0.2689,
0.2637

68.4966, 0.3038,
0.3160

34.9396, 0.2492,
0.2334

83.0830, 0.3187,
0.3376

26.9217, 0.2288,
0.2012

98.3264, 0.3292,
0.3562

20.3583, 0.2085,
0.1685

■ 15.1614, 0.1896,
0.1370

■ 11.2336, 0.1735,
0.1091

■ 8.4641, 0.1614,
0.0866

■ 6.7225, 0.1539,
0.0712

■ 6.2470, 0.1519,
0.0667

Harmonies

Analogous

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



55.6526, 0.2735, 0.2959



55.6526, 0.2872, 0.2913



55.6526, 0.3080, 0.2961

Triad

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



55.6526, 0.2872, 0.2913



55.6526, 0.3574, 0.3458



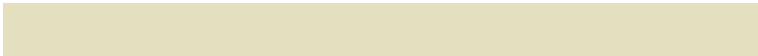
55.6526, 0.2941, 0.3503

Complementary

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



55.6526, 0.2872, 0.2913



72.8822, 0.3371, 0.3641

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.



55.6526, 0.3161, 0.3650



55.6526, 0.2872, 0.2913



55.6526, 0.3531, 0.3614

Square

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



55.6526, 0.2872, 0.2913



55.6526, 0.3492, 0.3268



55.6526, 0.3378, 0.3688



55.6526, 0.2774, 0.3296

Rectangle

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



55.6526, 0.2872, 0.2913



55.6526, 0.3234, 0.3039



55.6526, 0.3378, 0.3688



55.6526, 0.3011, 0.3562

Sweetspot

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



55.6549, 0.2872, 0.2913



90.6391, 0.3051, 0.3179



71.3377, 0.2912, 0.3337



19.1289, 0.3040, 0.3162



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.



55.6549, 0.2872, 0.2913



67.4638, 0.2814, 0.2826



55.7676, 0.2973, 0.2878



14.1426, 0.2980, 0.3074



3.7262, 0.1523, 0.0681



0.3616, 0.1573, 0.0863

Inverse Universe

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



57.5408, 0.3394, 0.3246



70.4169, 0.3461, 0.3236



72.8818, 0.3264, 0.3695



14.3938, 0.3275, 0.3264



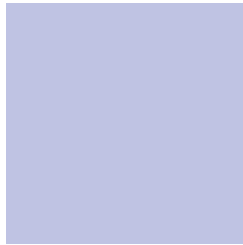
9.5739, 0.6264, 0.3224



0.7162, 0.5969, 0.3062

Previews

White Background



This preview shows how the Yxy color 55.6526, 0.2872, 0.2913 looks on a white background.

Color Contrast Check

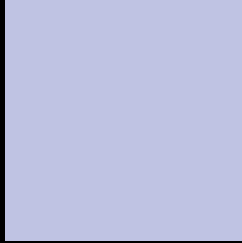
Large Text (above 18pt) WCAG AA × Fail

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 55.6526, 0.2872, 0.2913 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

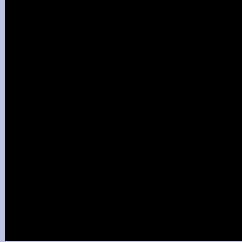
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.6526, 0.2872, 0.2913

Background



This preview shows how black text looks on a background with the Yxy color 55.6526, 0.2872, 0.2913.



This preview shows how white text looks on a background with the Yxy color 55.6526, 0.2872, 0.2913.

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

55.6526, 0.2872, 0.2913

Protanopia

55.6526, 0.2872, 0.2913

Deuteranopia

55.7182, 0.2938, 0.2875



Tritanopia

55.5554, 0.2952, 0.3097

Trichromacy



Original Color

55.6526, 0.2872, 0.2913

Protanomaly

55.6526, 0.2872, 0.2913

Deuteranomaly

55.6117, 0.2908, 0.2883

Tritanomaly

55.4890, 0.2925, 0.3027

Monochromacy



Original Color

55.6526, 0.2872, 0.2913

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

55.6360, 0.3032, 0.3146

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.6526, 0.2872, 0.2913 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, 195, 227)` looks like.

```
.text, #text, p{  
    color:rgb(191, 195, 227)  
}
```

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, 195, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 195, 227) }
```

Border

The CSS property to change the border of an element to Yxy 55.6526, 0.2872, 0.2913 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, 195, 227) }
```

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

```
.border{ border-color:rgb(191, 195, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 195, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 195, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 195, 227);  
box-shadow:4px 4px 4px 4px rgb(191, 195,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 55.6526, 0.2872, 0.2913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 195, 227) }
```

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

```
.background{ background-color: rgb(191,  
195, 227) }
```

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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