

Converting Colors

$Yxy(55.7847, 0.2991, 0.3172)$

Have a look what the booklet for
Yxy(55.7847, 0.2991, 0.3172)
contains.

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Color

Yxy(55.7611, 0.2987, 0.3168)

Conversions

Conversions Part 1

Format	Color
Hex	BDC6D0
RGB	189, 198, 208
RGB Percent	74%, 78%, 82%
CMY	0.2586, 0.2236, 0.1842
CMYK	0.09, 0.05, 0.00, 0.18
HSL	212°, 17%, 78%
HSV	212°, 9%, 82%
XYZ	52.5753, 55.7611, 67.6772
YIQ	196.4490, -8.5740, 1.2020

Conversions

Conversions Part 2

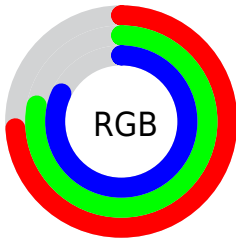
Format	Color
R _Y B	189, 195, 208
Decimal	12437200
CIE Lab	79.48, -1.10, -6.07
CIE LCh	79, 6.166, 259.719
Yxy	55.7611, 0.2987, 0.3168
Android (android.graphics.Color)	4290627280 (0xFFBDC6D0)
YUV	196.4490, 5.6946, -6.5328
Hunter-Lab	74.6734, -5.0019, -1.4638

Details

The Yxy color `55.7611, 0.2987, 0.3168` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `57.9691, 0.3273, 0.3409`, and the grayscale version is `55.4602, 0.3127, 0.3290`.

A 20% lighter version of the original color is `98.1525, 0.3066, 0.3290`, and `27.5139, 0.2950, 0.3127` is the 20% darker color. If you saturate the color by 10%, you get `48.4456, 0.2827, 0.3019`, and if you desaturate by 10%, it is `63.8277, 0.3140, 0.3301`.

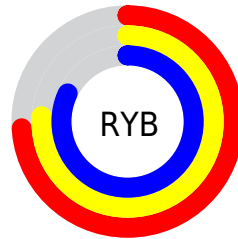
Distribution



Red (74%)

Green (78%)

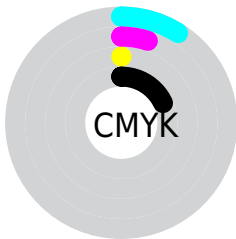
Blue (82%)



Red (74%)

Yellow (76%)

Blue (82%)

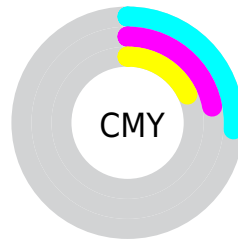


Cyan (9%)

Magenta (5%)

Yellow (0%)

Black (18%)



Cyan (26%)

Magenta (22%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.7611, 0.2987, 0.3168 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 55.7611, 0.2987, 0.3168 by changing the saturation by 10% instead.

■ 55.7611, 0.2987,
0.3168

■ 55.7611, 0.2987,
0.3168

408.7906, 0.3055,
0.3227

■ 40.0114, 0.2971,
0.3154

■ 98.6552, 0.3011,
0.3189

■ 27.5474, 0.2950,
0.3136

126.5684, 0.3020,
0.3197

■ 17.9848, 0.2923,
0.3112

159.3049, 0.3028,
0.3204

■ 10.9391, 0.2887,
0.3080

197.2491, 0.3035,
0.3210

■ 6.0259, 0.2835,
0.3034

240.7853, 0.3041,
0.3215

■ 2.8608, 0.2755,
0.2962

290.2981, 0.3046,

■ 1.0595, 0.2614,

0.3220

0.2835

346.1717, 0.3051,
0.3224

0.0000, 0.0000,
0.0000

55.7611, 0.2987,
0.3168

55.7611, 0.2987,
0.3168

48.4456, 0.2827,
0.3019

63.8277, 0.3140,
0.3301

41.8504, 0.2662,
0.2855

72.6610, 0.3285,
0.3419

35.9524, 0.2497,
0.2676

82.2850, 0.3421,
0.3523

30.7248, 0.2334,
0.2484

89.3001, 0.3428,
0.3628

26.1386, 0.2180,
0.2283

96.0416, 0.3409,
0.3731

■ 22.1620, 0.2039,
0.2076

■ 97.3350, 0.3406,
0.3750

■ 18.7601, 0.1919,
0.1870

■ 15.8924, 0.1821,
0.1672

■ 13.4983, 0.1748,
0.1486

Harmonies

Analogous

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



55.7611, 0.2970, 0.3218



55.7611, 0.2987, 0.3168



55.7611, 0.3041, 0.3152

Triad

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



55.7611, 0.2987, 0.3168



55.7611, 0.3261, 0.3290



55.7611, 0.3134, 0.3413

Complementary

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



55.7611, 0.2987, 0.3168



57.9691, 0.3273, 0.3409

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.



55.7611, 0.3213, 0.3432



55.7611, 0.2987, 0.3168



55.7611, 0.3287, 0.3360

Square

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



55.7611, 0.2987, 0.3168



55.7611, 0.3200, 0.3222



55.7611, 0.3269, 0.3412



55.7611, 0.3054, 0.3360

Rectangle

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



55.7611, 0.2987, 0.3168



55.7611, 0.3091, 0.3161



55.7611, 0.3269, 0.3412



55.7611, 0.3162, 0.3424

Sweetspot

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



55.7634, 0.2987, 0.3168



96.0252, 0.3081, 0.3251



60.0616, 0.3049, 0.3401



20.3300, 0.3069, 0.3240



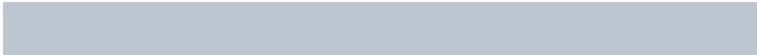
0.0000, 0.0000, 0.0000



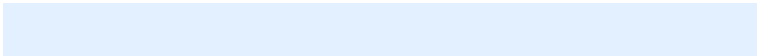
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



55.7634, 0.2987, 0.3168



85.9659, 0.2955, 0.3139



51.8349, 0.2989, 0.3058



12.3237, 0.2982, 0.3164



8.4808, 0.1749, 0.1496



0.6325, 0.1845, 0.1842

Inverse Universe

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



53.9041, 0.3215, 0.3184



82.4725, 0.3236, 0.3160



62.1634, 0.3259, 0.3513



11.8997, 0.3218, 0.3181



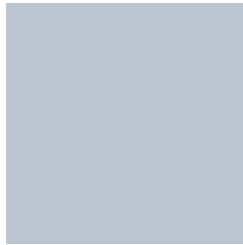
8.9274, 0.5065, 0.2564



0.5151, 0.4636, 0.2328

Previews

White Background



This preview shows how the Yxy color 55.7611, 0.2987, 0.3168 looks on a white background.

Color Contrast Check

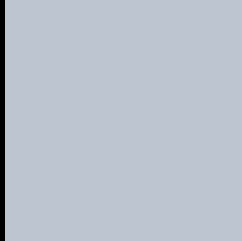
Large Text (above 18pt) WCAG AA × Fail

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 55.7611, 0.2987, 0.3168 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

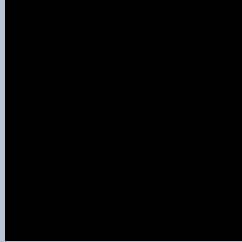
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

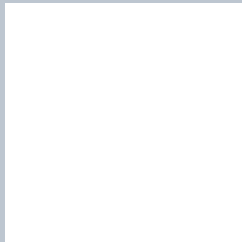
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.7611, 0.2987, 0.3168

Background



This preview shows how black text looks on a background with the Yxy color 55.7611, 0.2987, 0.3168.

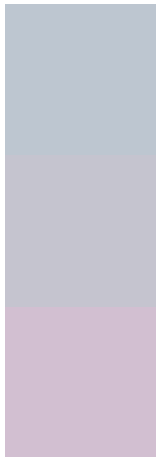


This preview shows how white text looks on a background with the Yxy color 55.7611, 0.2987, 0.3168.

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

55.7611, 0.2987, 0.3168

Protanopia

55.8552, 0.3055, 0.3158

Deuteranopia

55.5667, 0.3145, 0.3081



Tritanopia

55.6838, 0.2960, 0.3097

Trichromacy



Original Color

55.7611, 0.2987, 0.3168

Protanomaly

55.9068, 0.3032, 0.3170

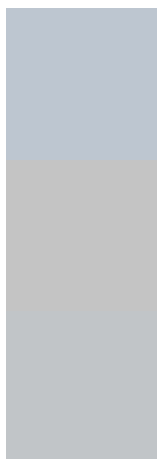
Deuteranomaly

55.7436, 0.3080, 0.3113

Tritanomaly

55.5828, 0.2973, 0.3121

Monochromacy



Original Color

55.7611, 0.2987, 0.3168

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

55.4401, 0.3074, 0.3253

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.7611, 0.2987, 0.3168 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(189, 198, 208)` looks like.

```
.text, #text, p{  
    color:rgb(189, 198, 208)  
}
```

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(189, 198, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 198, 208) }
```

Border

The CSS property to change the border of an element to Yxy 55.7611, 0.2987, 0.3168 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(189, 198, 208) }
```

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

```
.border{ border-color:rgb(189, 198, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 198, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 198, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 198, 208);  
box-shadow:4px 4px 4px 4px rgb(189, 198,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 55.7611, 0.2987, 0.3168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 198, 208) }
```

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

```
.background{ background-color: rgb(189,  
198, 208) }
```

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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