

Converting Colors

Yxy(55.2064, 0.2868, 0.3146)

Have a look what the booklet for
Yxy(55.2064, 0.2868, 0.3146)
contains.

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Color

Yxy(55.2418, 0.2872, 0.3153)

Conversions

Conversions Part 1

Format	Color
Hex	B0C8D3
RGB	176, 200, 211
RGB Percent	69%, 78%, 83%
CMY	0.3098, 0.2157, 0.1725
CMYK	0.17, 0.05, 0.00, 0.17
HSL	199°, 28%, 76%
HSV	199°, 17%, 83%
XYZ	50.3186, 55.2418, 69.6436
YIQ	194.0780, -17.8350, -1.6670

Conversions

Conversions Part 2

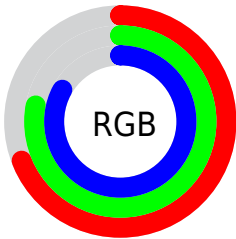
Format	Color
RYB	176, 190, 211
Decimal	11585747
CIELab	79.18, -5.78, -8.22
CIELCh	79, 10.044, 234.887
Yxy	55.2418, 0.2872, 0.3153
Android (android.graphics.Color)	4289775827 (0xFFB0C8D3)
YUV	194.0780, 8.3425, -15.8544
Hunter-Lab	74.3248, -9.2224, -3.5283

Details

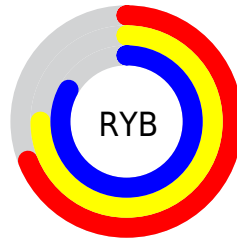
The Yxy color **55.2418, 0.2872, 0.3153** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.5327, 0.3420, 0.3423**, and the grayscale version is **53.9571, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.8958, 0.2987, 0.3290**, and **27.2030, 0.2801, 0.3106** is the 20% darker color. If you saturate the color by 10%, you get **49.9648, 0.2719, 0.3059**, and if you desaturate by 10%, it is **61.0391, 0.3026, 0.3238**.

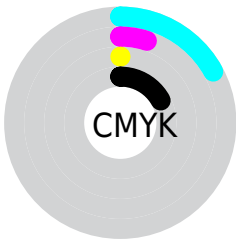
Distribution



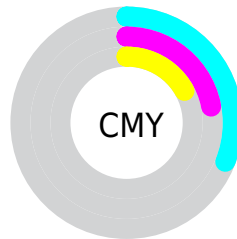
- Red (69%)
- Green (78%)
- Blue (83%)



- Red (69%)
- Yellow (75%)
- Blue (83%)



- Cyan (17%)
- Magenta (5%)
- Yellow (0%)
- Black (17%)



- Cyan (31%)
- Magenta (22%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.2418, 0.2872, 0.3153 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 55.2418, 0.2872, 0.3153 by changing the saturation by 10% instead.

■ 55.2418, 0.2872,
0.3153

■ 55.2418, 0.2872,
0.3153

406.8279, 0.2995,
0.3221

■ 39.5953, 0.2843,
0.3136

■ 97.8951, 0.2916,
0.3177

■ 27.2232, 0.2806,
0.3115

125.6708, 0.2932,
0.3186

■ 17.7409, 0.2757,
0.3088

158.2584, 0.2947,
0.3194

■ 10.7641, 0.2693,
0.3050

196.0422, 0.2959,
0.3201

■ 5.9085, 0.2600,
0.2995

239.4066, 0.2970,
0.3207

■ 2.7895, 0.2459,
0.2907

288.7361, 0.2979,

■ 1.0228, 0.2217,

0.3212

0.2749

344.4151, 0.2988,
0.3217

0.0000, 0.0000,
0.0000

55.2418, 0.2872,
0.3153

55.2418, 0.2872,
0.3153

49.9648, 0.2719,
0.3059

61.0391, 0.3026,
0.3238

45.1821, 0.2571,
0.2958

67.3679, 0.3179,
0.3315

40.8751, 0.2431,
0.2850

74.2477, 0.3329,
0.3384

37.0215, 0.2303,
0.2736

80.6537, 0.3434,
0.3447

33.5965, 0.2190,
0.2618

84.3445, 0.3423,
0.3513

■ 30.5725, 0.2095,
0.2498

■ 88.1767, 0.3412,
0.3577

■ 27.9174, 0.2021,
0.2378

■ 92.1517, 0.3401,
0.3641

■ 25.5905, 0.1966,
0.2259

■ 96.2711, 0.3391,
0.3703

■ 24.8470, 0.1950,
0.2219

■ 97.4836, 0.3388,
0.3721

Harmonies

Analogous

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



55.2418, 0.2900, 0.3264



55.2418, 0.2872, 0.3153



55.2418, 0.2910, 0.3082

Triad

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



55.2418, 0.2872, 0.3153



55.2418, 0.3266, 0.3196



55.2418, 0.3246, 0.3523

Complementary

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



55.2418, 0.2872, 0.3153



52.5327, 0.3420, 0.3423

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.



55.2418, 0.3347, 0.3499



55.2418, 0.2872, 0.3153



55.2418, 0.3359, 0.3309

Square

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



55.2418, 0.2872, 0.3153



55.2418, 0.3136, 0.3109



55.2418, 0.3389, 0.3419



55.2418, 0.3114, 0.3481

Rectangle

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



55.2418, 0.2872, 0.3153



55.2418, 0.2969, 0.3065



55.2418, 0.3389, 0.3419



55.2418, 0.3285, 0.3522

Sweetspot

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



55.2441, 0.2872, 0.3153



95.1298, 0.3050, 0.3251



59.3909, 0.3036, 0.3598



20.2188, 0.3039, 0.3245



0.0000, 0.0000, 0.0000



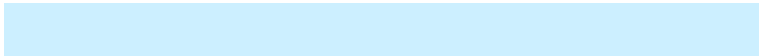
21.4041, 0.3127, 0.3290

Same Dimension

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



55.2441, 0.2872, 0.3153



81.7675, 0.2816, 0.3120



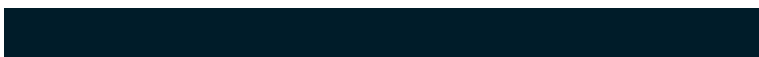
47.8055, 0.2862, 0.2936



12.7537, 0.2983, 0.3215



15.1846, 0.1955, 0.2237



0.9877, 0.2015, 0.2453

Inverse Universe

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



49.0746, 0.3236, 0.3007



70.6754, 0.3264, 0.2942



60.1751, 0.3387, 0.3621



11.9431, 0.3185, 0.3132



9.6042, 0.4193, 0.2083



0.5510, 0.3969, 0.1960

Previews

White Background



This preview shows how the Yxy color 55.2418, 0.2872, 0.3153 looks on a white background.

Color Contrast Check

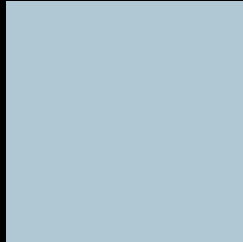
Large Text (above 18pt) WCAG AA × Fail

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 55.2418, 0.2872, 0.3153 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

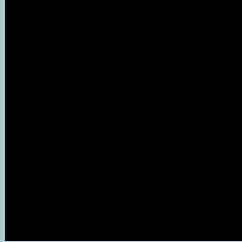
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

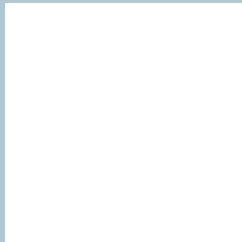
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.2418, 0.2872, 0.3153

Background



This preview shows how black text looks on a background with the Yxy color 55.2418, 0.2872, 0.3153.

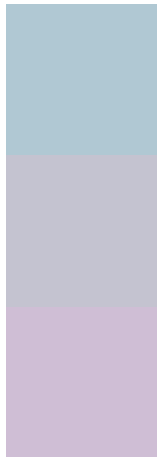


This preview shows how white text looks on a background with the Yxy color 55.2418, 0.2872, 0.3153.

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

55.2418, 0.2872, 0.3153

Protanopia

55.3200, 0.3040, 0.3134

Deuteranopia

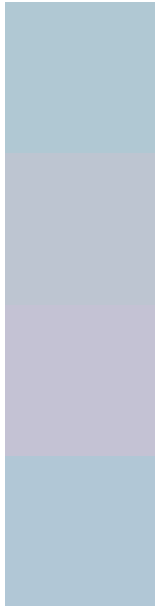
54.8964, 0.3092, 0.3022



Tritanopia

55.1003, 0.2852, 0.3093

Trichromacy



Original Color

55.2418, 0.2872, 0.3153

Protanomaly

55.3548, 0.2980, 0.3144

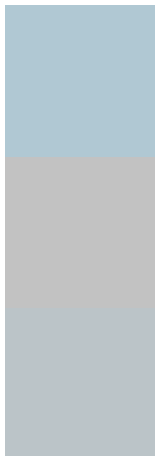
Deuteranomaly

55.0728, 0.3012, 0.3075

Tritanomaly

55.0490, 0.2859, 0.3105

Monochromacy



Original Color

55.2418, 0.2872, 0.3153

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

54.2148, 0.3028, 0.3240

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.2418, 0.2872, 0.3153 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(176, 200, 211)` looks like.

```
.text, #text, p{  
    color:rgb(176, 200, 211)  
}
```

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(176, 200, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 200, 211) }
```

Border

The CSS property to change the border of an element to Yxy 55.2418, 0.2872, 0.3153 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(176, 200, 211) }
```

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

```
.border{ border-color:rgb(176, 200, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 200, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 200, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 200, 211);  
box-shadow:4px 4px 4px 4px rgb(176, 200,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 55.2418, 0.2872, 0.3153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 200, 211) }
```

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

```
.background{ background-color: rgb(176,  
200, 211) }
```

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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