

Converting Colors

$Y_{xy}(55.7576, 0.2974, 0.3262)$

Have a look what the booklet for
Yxy(55.7576, 0.2974, 0.3262)
contains.

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Color

Yxy(55.5654, 0.2969, 0.3252)

Conversions

Conversions Part 1

Format	Color
Hex	B6C8CB
RGB	182, 200, 203
RGB Percent	71%, 78%, 80%
CMY	0.2862, 0.2157, 0.2038
CMYK	0.10, 0.01, 0.00, 0.20
HSL	189°, 17%, 75%
HSV	189°, 10%, 80%
XYZ	50.7299, 55.5654, 64.5700
YIQ	194.9600, -11.6910, -2.8830

Conversions

Conversions Part 2

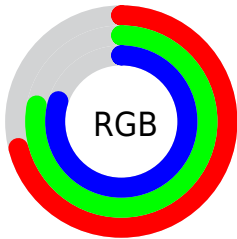
Format	Color
R _Y B	182, 192, 203
Decimal	11978955
CIE Lab	79.37, -5.48, -3.61
CIE LCh	79, 6.558, 213.358
Yxy	55.5654, 0.2969, 0.3252
Android (android.graphics.Color)	4290169035 (0xFFB6C8CB)
YUV	194.9600, 3.9637, -11.3659
Hunter-Lab	74.5422, -8.9702, 0.8213

Details

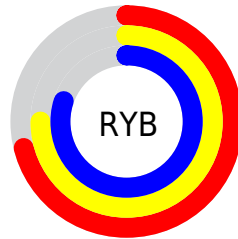
The Yxy color **55.5654, 0.2969, 0.3252** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.7958, 0.3304, 0.3328**, and the grayscale version is **54.5325, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.9171, 0.3023, 0.3290**, and **27.3948, 0.2927, 0.3239** is the 20% darker color. If you saturate the color by 10%, you get **51.9281, 0.2821, 0.3212**, and if you desaturate by 10%, it is **59.5918, 0.3122, 0.3289**.

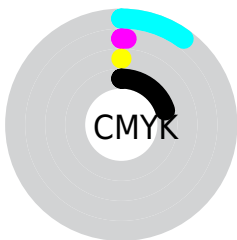
Distribution



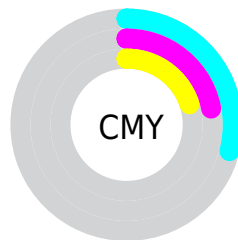
- Red (71%)
- Green (78%)
- Blue (80%)



- Red (71%)
- Yellow (75%)
- Blue (80%)



- Cyan (10%)
- Magenta (1%)
- Yellow (0%)
- Black (20%)



- Cyan (29%)
- Magenta (22%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.5654, 0.2969, 0.3252 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 55.5654, 0.2969, 0.3252 by changing the saturation by 10% instead.

■ 55.5654, 0.2969,
0.3252

■ 55.5654, 0.2969,
0.3252

408.0516, 0.3045,
0.3271

■ 39.8546, 0.2951,
0.3247

■ 98.3689, 0.2996,
0.3259

■ 27.4252, 0.2927,
0.3241

126.2303, 0.3007,
0.3261

■ 17.8928, 0.2897,
0.3233

158.9107, 0.3015,
0.3264

■ 10.8731, 0.2857,
0.3222

196.7945, 0.3023,
0.3266

■ 5.9815, 0.2798,
0.3206

240.2661, 0.3030,
0.3267

■ 2.8339, 0.2708,
0.3179

289.7099, 0.3036,

■ 1.0456, 0.2549,

0.3269

0.3129

345.5103, 0.3041,
0.3270

0.0000, 0.0000,
0.0000

55.5654, 0.2969,
0.3252

55.5654, 0.2969,
0.3252

51.9281, 0.2821,
0.3212

59.5918, 0.3122,
0.3289

48.6573, 0.2680,
0.3169

64.0149, 0.3276,
0.3322

45.7388, 0.2551,
0.3123

68.8506, 0.3431,
0.3352

43.1547, 0.2434,
0.3074

72.5187, 0.3519,
0.3380

40.8853, 0.2334,
0.3024

73.9942, 0.3513,
0.3410

■ 38.9086, 0.2252,
0.2973

■ 75.4964, 0.3507,
0.3439

■ 37.1998, 0.2189,
0.2922

■ 77.0254, 0.3501,
0.3469

■ 35.7292, 0.2146,
0.2871

■ 78.5814, 0.3495,
0.3498

■ 34.4833, 0.2118,
0.2823

■ 80.1645, 0.3490,
0.3527

Harmonies

Analogous

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



55.5654, 0.3017, 0.3331



55.5654, 0.2969, 0.3252



55.5654, 0.2963, 0.3185

Triad

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



55.5654, 0.2969, 0.3252



55.5654, 0.3158, 0.3185



55.5654, 0.3255, 0.3434

Complementary

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



55.5654, 0.2969, 0.3252



50.7958, 0.3304, 0.3328

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.



55.5654, 0.3294, 0.3393



55.5654, 0.2969, 0.3252



55.5654, 0.3238, 0.3249

Square

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



55.5654, 0.2969, 0.3252



55.5654, 0.3071, 0.3148



55.5654, 0.3288, 0.3325



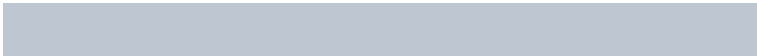
55.5654, 0.3182, 0.3437

Rectangle

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



55.5654, 0.2969, 0.3252



55.5654, 0.2983, 0.3156



55.5654, 0.3288, 0.3325



55.5654, 0.3273, 0.3424

Sweetspot

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



55.5677, 0.2969, 0.3252



97.8756, 0.3080, 0.3279



56.1682, 0.3095, 0.3519



20.8301, 0.3068, 0.3276



0.0000, 0.0000, 0.0000



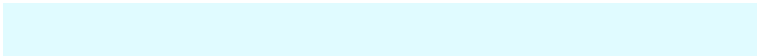
21.4041, 0.3127, 0.3290

Same Dimension

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



55.5677, 0.2969, 0.3252



91.8664, 0.2942, 0.3245



50.9654, 0.2968, 0.3123



12.4403, 0.2983, 0.3256



22.0405, 0.2119, 0.2830



1.2144, 0.2147, 0.2928

Inverse Universe

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



50.3320, 0.3163, 0.3074



81.7254, 0.3170, 0.3035



55.2546, 0.3290, 0.3452



11.3748, 0.3159, 0.3094



10.0280, 0.3607, 0.1761



0.5251, 0.3518, 0.1712

Previews

White Background



This preview shows how the Yxy color 55.5654, 0.2969, 0.3252 looks on a white background.

Color Contrast Check

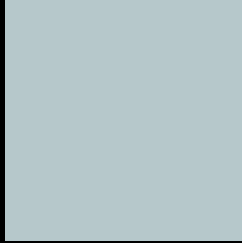
Large Text (above 18pt) WCAG AA × Fail

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 55.5654, 0.2969, 0.3252 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

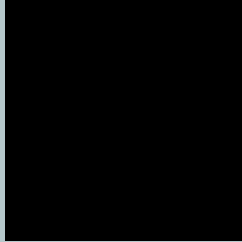
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

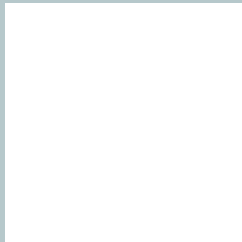
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.5654, 0.2969, 0.3252

Background



This preview shows how black text looks on a background with the Yxy color 55.5654, 0.2969, 0.3252.



This preview shows how white text looks on a background with the Yxy color 55.5654, 0.2969, 0.3252.

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

55.5654, 0.2969, 0.3252

Protanopia

55.3425, 0.3122, 0.3230

Deuteranopia

55.0836, 0.3184, 0.3116



Tritanopia

55.4336, 0.2909, 0.3095

Trichromacy



Original Color

55.5654, 0.2969, 0.3252

Protanomaly

55.4870, 0.3067, 0.3241

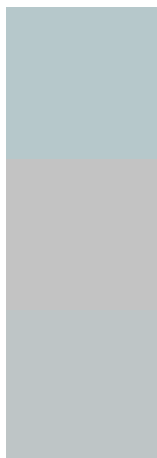
Deuteranomaly

55.2226, 0.3101, 0.3171

Tritanomaly

55.5673, 0.2929, 0.3155

Monochromacy



Original Color

55.5654, 0.2969, 0.3252

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

54.9569, 0.3065, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.5654, 0.2969, 0.3252 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(182, 200, 203)` looks like.

```
.text, #text, p{  
    color:rgb(182, 200, 203)  
}
```

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(182, 200, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 200, 203) }
```

Border

The CSS property to change the border of an element to Yxy 55.5654, 0.2969, 0.3252 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(182, 200, 203) }
```

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

```
.border{ border-color:rgb(182, 200, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 200, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 200, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 200, 203);  
box-shadow:4px 4px 4px 4px rgb(182, 200,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 55.5654, 0.2969, 0.3252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 200, 203) }
```

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

```
.background{ background-color: rgb(182,  
200, 203) }
```

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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