

Converting Colors

$Yxy(54.8176, 0.2962, 0.3261)$

Have a look what the booklet for
Yxy(54.8176, 0.2962, 0.3261)
contains.

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Color

Yxy(54.7672, 0.2968, 0.3265)

Conversions

Conversions Part 1

Format	Color
Hex	B4C7C9
RGB	180, 199, 201
RGB Percent	71%, 78%, 79%
CMY	0.2941, 0.2196, 0.2119
CMYK	0.10, 0.01, 0.00, 0.21
HSL	186°, 16%, 75%
HSV	186°, 10%, 79%
XYZ	49.7853, 54.7672, 63.1878
YIQ	193.5470, -11.9660, -3.4060

Conversions

Conversions Part 2

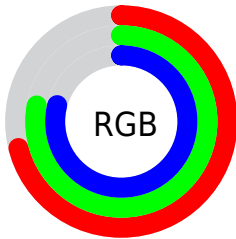
Format	Color
R _Y B	180, 190, 201
Decimal	11847625
CIE Lab	78.91, -6.03, -3.19
CIE LCh	79, 6.824, 207.865
Yxy	54.7672, 0.2968, 0.3265
Android (android.graphics.Color)	4290037705 (0xFFB4C7C9)
YUV	193.5470, 3.6743, -11.8807
Hunter-Lab	74.0049, -9.4262, 1.1797

Details

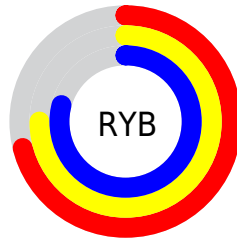
The Yxy color **54.7672, 0.2968, 0.3265** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.1501, 0.3307, 0.3315**, and the grayscale version is **53.6506, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.5729, 0.3011, 0.3290**, and **26.8694, 0.2925, 0.3256** is the 20% darker color. If you saturate the color by 10%, you get **51.6687, 0.2822, 0.3239**, and if you desaturate by 10%, it is **58.2307, 0.3120, 0.3289**.

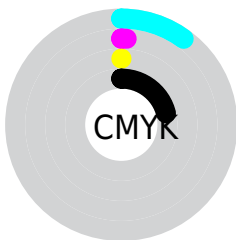
Distribution



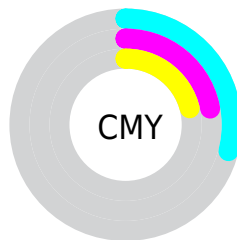
- Red (71%)
- Green (78%)
- Blue (79%)



- Red (71%)
- Yellow (75%)
- Blue (79%)



- Cyan (10%)
- Magenta (1%)
- Yellow (0%)
- Black (21%)





- Cyan (29%)
- Magenta (22%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.7672, 0.2968, 0.3265 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 54.7672, 0.2968, 0.3265 by changing the saturation by 10% instead.


 54.7672, 0.2968,
0.3265

 54.7672, 0.2968,
0.3265


405.0289, 0.3045,
0.3278

 39.2154, 0.2949,
0.3262

 97.1998, 0.2996,
0.3270

 26.9273, 0.2926,
0.3258


124.8493, 0.3006,
0.3271

 17.5186, 0.2895,
0.3252


157.3002, 0.3015,
0.3273

 10.6050, 0.2854,
0.3244

194.9369, 0.3023,
0.3274

 5.8019, 0.2794,
0.3233

238.1437, 0.3029,
0.3275

 2.7250, 0.2701,
0.3213

287.3050, 0.3035,

 0.9899, 0.2535,

0.3276

0.3177

342.8053, 0.3041,
0.3277

0.0000, 0.0000,
0.0000

54.7672, 0.2968,
0.3265

54.7672, 0.2968,
0.3265

51.6687, 0.2822,
0.3239

58.2307, 0.3120,
0.3289

48.9134, 0.2684,
0.3211

62.0665, 0.3276,
0.3311

46.4873, 0.2559,
0.3181

66.2901, 0.3432,
0.3330

44.3732, 0.2449,
0.3150

69.8780, 0.3545,
0.3348

42.5518, 0.2355,
0.3119

70.7930, 0.3541,
0.3368

■ 41.0020, 0.2280,
0.3086

■ 71.7190, 0.3537,
0.3387

■ 39.6995, 0.2224,
0.3054

■ 72.6558, 0.3533,
0.3406

■ 38.6155, 0.2187,
0.3022

■ 73.6037, 0.3529,
0.3425

■ 37.7318, 0.2164,
0.2992

■ 74.5625, 0.3525,
0.3444

Harmonies

Analogous

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



54.7672, 0.3025, 0.3347



54.7672, 0.2968, 0.3265



54.7672, 0.2953, 0.3191

Triad

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



54.7672, 0.2968, 0.3265



54.7672, 0.3143, 0.3170



54.7672, 0.3272, 0.3436

Complementary

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



54.7672, 0.2968, 0.3265



49.1501, 0.3307, 0.3315

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.



54.7672, 0.3305, 0.3386



54.7672, 0.2968, 0.3265



54.7672, 0.3230, 0.3233

Square

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



54.7672, 0.2968, 0.3265



54.7672, 0.3053, 0.3138



54.7672, 0.3289, 0.3312



54.7672, 0.3200, 0.3447

Rectangle

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



54.7672, 0.2968, 0.3265



54.7672, 0.2969, 0.3157



54.7672, 0.3289, 0.3312



54.7672, 0.3288, 0.3423

Sweetspot

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



54.7695, 0.2968, 0.3265



98.1215, 0.3080, 0.3283



54.8307, 0.3102, 0.3535



20.8967, 0.3068, 0.3281



0.0000, 0.0000, 0.0000



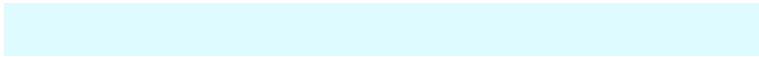
21.4041, 0.3127, 0.3290

Same Dimension

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



54.7695, 0.2968, 0.3265



92.2806, 0.2927, 0.3258



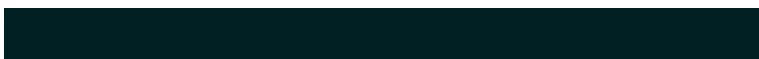
50.2016, 0.2966, 0.3135



11.8911, 0.2984, 0.3268



23.8039, 0.2166, 0.2996



1.1778, 0.2184, 0.3062

Inverse Universe

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



49.1799, 0.3155, 0.3059



80.4445, 0.3162, 0.2997



53.5110, 0.3293, 0.3440



10.7988, 0.3152, 0.3083



9.9430, 0.3457, 0.1678



0.4759, 0.3400, 0.1646

Previews

White Background



This preview shows how the Yxy color 54.7672, 0.2968, 0.3265 looks on a white background.

Color Contrast Check

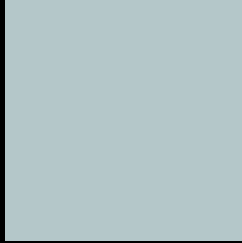
Large Text (above 18pt) WCAG AA × Fail

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 54.7672, 0.2968, 0.3265 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

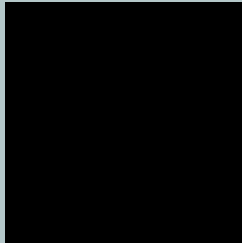
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

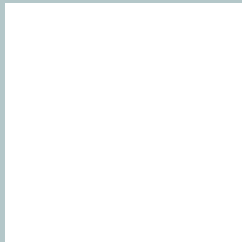
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.7672, 0.2968, 0.3265

Background



This preview shows how black text looks on a background with the Yxy color 54.7672, 0.2968, 0.3265.

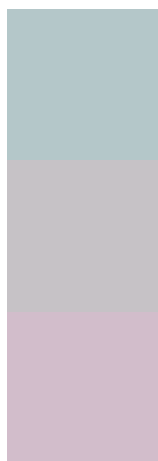


This preview shows how white text looks on a background with the Yxy color 54.7672, 0.2968, 0.3265.

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

54.7672, 0.2968, 0.3265

Protanopia

54.6666, 0.3129, 0.3242

Deuteranopia

54.4086, 0.3192, 0.3126



Tritanopia

54.6817, 0.2901, 0.3094

Trichromacy



Original Color

54.7672, 0.2968, 0.3265

Protanomaly

54.6797, 0.3066, 0.3253

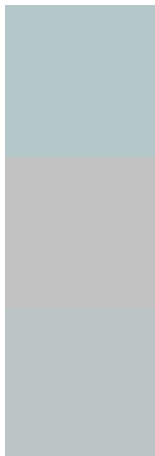
Deuteranomaly

54.5463, 0.3108, 0.3182

Tritanomaly

54.8154, 0.2921, 0.3154

Monochromacy



Original Color

54.7672, 0.2968, 0.3265

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

54.3299, 0.3065, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.7672, 0.2968, 0.3265 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(180, 199, 201)` looks like.

```
.text, #text, p{  
    color:rgb(180, 199, 201)  
}
```

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(180, 199, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 199, 201) }
```

Border

The CSS property to change the border of an element to Yxy 54.7672, 0.2968, 0.3265 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(180, 199, 201) }
```

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

```
.border{ border-color:rgb(180, 199, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 199, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 199, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 199, 201);  
box-shadow:4px 4px 4px 4px rgb(180, 199,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 54.7672, 0.2968, 0.3265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 199, 201) }
```

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

```
.background{ background-color: rgb(180,  
199, 201) }
```

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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