

Converting Colors

$Yxy(55.2307, 0.2991, 0.3276)$

Have a look what the booklet for
Yxy(55.2307, 0.2991, 0.3276)
contains.

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Color

Yxy(55.0843, 0.2997, 0.3277)

Conversions

Conversions Part 1

Format	Color
Hex	B7C7C8
RGB	183, 199, 200
RGB Percent	72%, 78%, 78%
CMY	0.2824, 0.2196, 0.2156
CMYK	0.09, 0.01, 0.00, 0.22
HSL	184°, 13%, 75%
HSV	184°, 9%, 78%
XYZ	50.3777, 55.0843, 62.6317
YIQ	194.3300, -9.8570, -3.0810

Conversions

Conversions Part 2

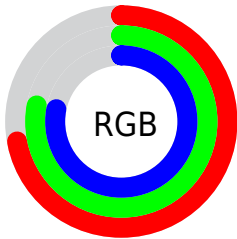
Format	Color
R_{YB}	183, 191, 200
Decimal	12044232
CIE _{Lab}	79.09, -5.23, -2.38
CIE _{LCh}	79, 5.746, 204.507
Yxy	55.0843, 0.2997, 0.3277
Android (android.graphics.Color)	4290234312 (0xFFB7C7C8)
YUV	194.3300, 2.7953, -9.9364
Hunter-Lab	74.2188, -8.7220, 1.9196

Details

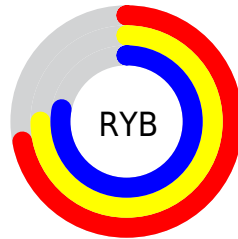
The Yxy color **55.0843, 0.2997, 0.3277** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.9856, 0.3272, 0.3303**, and the grayscale version is **54.1431, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.0907, 0.3029, 0.3290**, and **27.0719, 0.2964, 0.3273** is the 20% darker color. If you saturate the color by 10%, you get **52.2592, 0.2850, 0.3261**, and if you desaturate by 10%, it is **58.2668, 0.3150, 0.3292**.

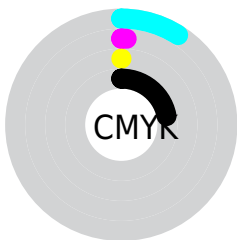
Distribution



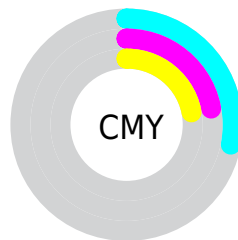
- Red (72%)
- Green (78%)
- Blue (78%)



- Red (72%)
- Yellow (75%)
- Blue (78%)



- Cyan (9%)
- Magenta (1%)
- Yellow (0%)
- Black (22%)



- Cyan (28%)
- Magenta (22%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.0843, 0.2997, 0.3277 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 55.0843, 0.2997, 0.3277 by changing the saturation by 10% instead.

■ 55.0843, 0.2997,
0.3277

■ 55.0843, 0.2997,
0.3277

406.2314, 0.3060,
0.3284

■ 39.4692, 0.2982,
0.3275

■ 97.6645, 0.3020,
0.3279

■ 27.1249, 0.2963,
0.3273

125.3983, 0.3028,
0.3280

■ 17.6671, 0.2938,
0.3270

157.9406, 0.3035,
0.3281

■ 10.7112, 0.2904,
0.3266

195.6756, 0.3042,
0.3282

■ 5.8730, 0.2855,
0.3260

238.9878, 0.3047,
0.3282

■ 2.7680, 0.2779,
0.3249

288.2616, 0.3052,

■ 1.0119, 0.2644,

0.3283

343.8813, 0.3056,
0.3283

0.3228

0.0000, 0.0000,
0.0000

55.0843, 0.2997,
0.3277

55.0843, 0.2997,
0.3277

52.2592, 0.2850,
0.3261

58.2668, 0.3150,
0.3292

49.7701, 0.2713,
0.3243

61.8137, 0.3307,
0.3306

47.6034, 0.2588,
0.3224

65.7402, 0.3465,
0.3318

45.7424, 0.2478,
0.3205

68.5092, 0.3558,
0.3330

44.1685, 0.2385,
0.3185

69.0773, 0.3556,
0.3342

■ 42.8612, 0.2311,
0.3165

■ 69.6497, 0.3553,
0.3354

■ 41.7972, 0.2255,
0.3145

■ 70.2265, 0.3551,
0.3367

■ 40.9493, 0.2219,
0.3125

■ 70.8077, 0.3548,
0.3379

■ 40.2741, 0.2198,
0.3105

■ 71.3933, 0.3546,
0.3391

Harmonies

Analogous

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



55.0843, 0.3048, 0.3345



55.0843, 0.2997, 0.3277



55.0843, 0.2980, 0.3213

Triad

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



55.0843, 0.2997, 0.3277



55.0843, 0.3132, 0.3185



55.0843, 0.3254, 0.3409

Complementary

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



55.0843, 0.2997, 0.3277



49.9856, 0.3272, 0.3303

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.



55.0843, 0.3277, 0.3365



55.0843, 0.2997, 0.3277



55.0843, 0.3206, 0.3236

Square

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



55.0843, 0.2997, 0.3277



55.0843, 0.3057, 0.3161



55.0843, 0.3259, 0.3301



55.0843, 0.3196, 0.3422

Rectangle

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



55.0843, 0.2997, 0.3277



55.0843, 0.2990, 0.3182



55.0843, 0.3259, 0.3301



55.0843, 0.3266, 0.3397

Sweetspot

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



55.0866, 0.2997, 0.3277



98.2873, 0.3080, 0.3285



54.8384, 0.3111, 0.3494



20.9416, 0.3068, 0.3284



0.0000, 0.0000, 0.0000



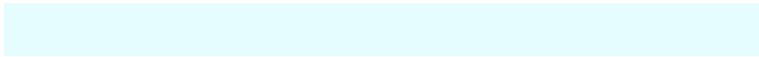
21.4041, 0.3127, 0.3290

Same Dimension

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



55.0866, 0.2997, 0.3277



94.5144, 0.2973, 0.3274



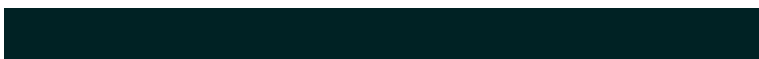
51.3493, 0.2997, 0.3172



11.9551, 0.2984, 0.3276



25.5889, 0.2196, 0.3105



1.2453, 0.2207, 0.3146

Inverse Universe

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



50.2706, 0.3145, 0.3096



84.6982, 0.3148, 0.3058



53.5575, 0.3262, 0.3405



10.8053, 0.3147, 0.3076



10.1232, 0.3363, 0.1626



0.4827, 0.3328, 0.1607

Previews

White Background



This preview shows how the Yxy color 55.0843, 0.2997, 0.3277 looks on a white background.

Color Contrast Check

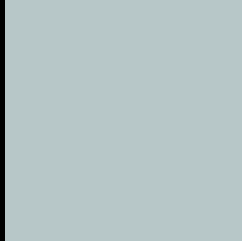
Large Text (above 18pt) WCAG AA × Fail

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 55.0843, 0.2997, 0.3277 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

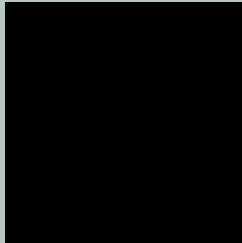
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

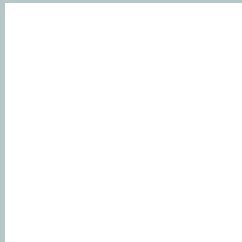
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.0843, 0.2997, 0.3277

Background



This preview shows how black text looks on a background with the Yxy color 55.0843, 0.2997, 0.3277.



This preview shows how white text looks on a background with the Yxy color 55.0843, 0.2997, 0.3277.

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

55.0843, 0.2997, 0.3277

Protanopia

55.0672, 0.3136, 0.3266

Deuteranopia

55.0882, 0.3215, 0.3150



Tritanopia

55.0509, 0.2923, 0.3095

Trichromacy



Original Color

55.0843, 0.2997, 0.3277

Protanomaly

54.8945, 0.3089, 0.3265

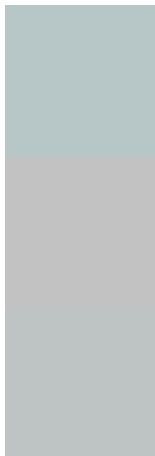
Deuteranomaly

54.7745, 0.3132, 0.3194

Tritanomaly

55.1326, 0.2949, 0.3167

Monochromacy



Original Color

55.0843, 0.2997, 0.3277

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

54.4125, 0.3080, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.0843, 0.2997, 0.3277 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(183, 199, 200)` looks like.

```
.text, #text, p{  
    color:rgb(183, 199, 200)  
}
```

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(183, 199, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 199, 200) }
```

Border

The CSS property to change the border of an element to Yxy 55.0843, 0.2997, 0.3277 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(183, 199, 200) }
```

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

```
.border{ border-color:rgb(183, 199, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 199, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 199, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 199, 200);  
box-shadow:4px 4px 4px 4px rgb(183, 199,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 55.0843, 0.2997, 0.3277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 199, 200) }
```

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

```
.background{ background-color: rgb(183,  
199, 200) }
```

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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