

Converting Colors

$Y_{xy}(55.1950, 0.2865, 0.3225)$

Have a look what the booklet for
Yxy(55.1950, 0.2865, 0.3225)
contains.

Yxy(55.4040, 0.2864, 0.3227)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(55.4040, 0.2864, 0.3227)

Conversions

Conversions Part 1

Format	Color
Hex	ABCACF
RGB	171, 202, 207
RGB Percent	67%, 79%, 81%
CMY	0.3295, 0.2078, 0.1884
CMYK	0.17, 0.02, 0.00, 0.19
HSL	188°, 27%, 74%
HSV	188°, 17%, 81%
XYZ	49.1717, 55.4040, 67.1132
YIQ	193.3010, -20.0810, -5.0170

Conversions

Conversions Part 2

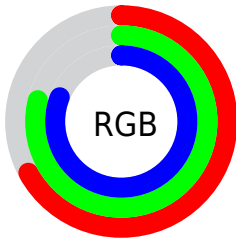
Format	Color
RYB	171, 188, 207
Decimal	11258575
CIELab	79.27, -9.28, -5.94
CIElCh	79, 11.016, 212.650
Yxy	55.4040, 0.2864, 0.3227
Android (android.graphics.Color)	4289448655 (0xFFABCACF)
YUV	193.3010, 6.7536, -19.5580
Hunter-Lab	74.4339, -12.3405, -1.3550

Details

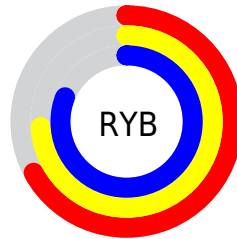
The Yxy color **55.4040, 0.2864, 0.3227** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **47.2287, 0.3449, 0.3352**, and the grayscale version is **53.4817, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.0709, 0.2958, 0.3290**, and **27.3313, 0.2791, 0.3204** is the 20% darker color. If you saturate the color by 10%, you get **51.9356, 0.2721, 0.3187**, and if you desaturate by 10%, it is **59.2656, 0.3014, 0.3264**.

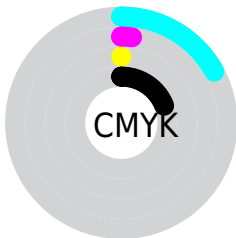
Distribution



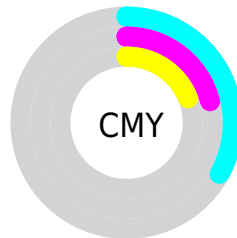
- Red (67%)
- Green (79%)
- Blue (81%)



- Red (67%)
- Yellow (74%)
- Blue (81%)



- Cyan (17%)
- Magenta (2%)
- Yellow (0%)
- Black (19%)



- Cyan (33%)
- Magenta (21%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.4040, 0.2864, 0.3227 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 55.4040, 0.2864, 0.3227 by changing the saturation by 10% instead.

■ 55.4040, 0.2864,
0.3227

■ 55.4040, 0.2864,
0.3227

407.4415, 0.2991,
0.3259

■ 39.7253, 0.2834,
0.3219

■ 98.1326, 0.2909,
0.3239

■ 27.3244, 0.2796,
0.3209

125.9513, 0.2926,
0.3243

■ 17.8170, 0.2746,
0.3195

158.5854, 0.2941,
0.3247

■ 10.8187, 0.2679,
0.3175

196.4194, 0.2954,
0.3250

■ 5.9451, 0.2584,
0.3146

239.8376, 0.2965,
0.3253

■ 2.8117, 0.2438,
0.3099

289.2244, 0.2974,

■ 1.0342, 0.2181,

0.3255

0.3010

344.9643, 0.2983,
0.3257

0.0000, 0.0000,
0.0000

55.4040, 0.2864,
0.3227

55.4040, 0.2864,
0.3227

51.9356, 0.2721,
0.3187

59.2656, 0.3014,
0.3264

48.8365, 0.2588,
0.3143

63.5295, 0.3168,
0.3299

46.0906, 0.2468,
0.3098

68.2129, 0.3323,
0.3329

43.6780, 0.2364,
0.3050

73.3300, 0.3477,
0.3357

41.5764, 0.2277,
0.3002

75.0128, 0.3481,
0.3386

■ 39.7608, 0.2210,
0.2953

■ 76.4890, 0.3476,
0.3414

■ 38.2019, 0.2161,
0.2905

■ 77.9906, 0.3470,
0.3443

■ 36.8593, 0.2130,
0.2857

■ 79.5179, 0.3465,
0.3471

■ 36.5260, 0.2123,
0.2844

■ 81.0709, 0.3460,
0.3500

Harmonies

Analogous

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



55.4040, 0.2945, 0.3361



55.4040, 0.2864, 0.3227



55.4040, 0.2852, 0.3114

Triad

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



55.4040, 0.2864, 0.3227



55.4040, 0.3175, 0.3113



55.4040, 0.3345, 0.3532

Complementary

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



55.4040, 0.2864, 0.3227



47.2287, 0.3449, 0.3352

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.



55.4040, 0.3410, 0.3458



55.4040, 0.2864, 0.3227



55.4040, 0.3311, 0.3218

Square

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



55.4040, 0.2864, 0.3227



55.4040, 0.3029, 0.3052



55.4040, 0.3398, 0.3343



55.4040, 0.3221, 0.3541

Rectangle

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



55.4040, 0.2864, 0.3227



55.4040, 0.2884, 0.3066



55.4040, 0.3398, 0.3343



55.4040, 0.3374, 0.3514

Sweetspot

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



55.4063, 0.2864, 0.3227



96.5459, 0.3049, 0.3273



56.3929, 0.3073, 0.3694



20.5638, 0.3038, 0.3270



0.0000, 0.0000, 0.0000



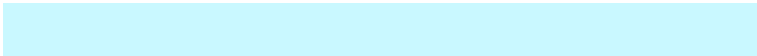
21.4041, 0.3127, 0.3290

Same Dimension

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



55.4063, 0.2864, 0.3227



86.6030, 0.2808, 0.3212



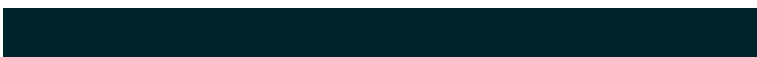
47.5152, 0.2853, 0.2997



13.1177, 0.2983, 0.3257



23.1240, 0.2125, 0.2851



1.3713, 0.2150, 0.2939

Inverse Universe

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



46.6459, 0.3188, 0.2919



69.9973, 0.3204, 0.2834



54.6841, 0.3412, 0.3567



11.9799, 0.3158, 0.3092



10.4057, 0.3588, 0.1750



0.5897, 0.3508, 0.1706

Previews

White Background



This preview shows how the Yxy color 55.4040, 0.2864, 0.3227 looks on a white background.

Color Contrast Check

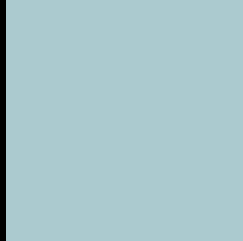
Large Text (above 18pt) WCAG AA × Fail

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 55.4040, 0.2864, 0.3227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

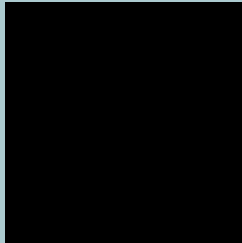
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

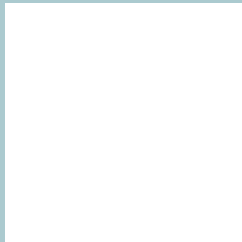
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.4040, 0.2864, 0.3227

Background



This preview shows how black text looks on a background with the Yxy color 55.4040, 0.2864, 0.3227.



This preview shows how white text looks on a background with the Yxy color 55.4040, 0.2864, 0.3227.

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

55.4040, 0.2864, 0.3227

Protanopia

55.2123, 0.3084, 0.3194

Deuteranopia

54.9857, 0.3138, 0.3069



Tritanopia

55.6673, 0.2813, 0.3092

Trichromacy



Original Color

55.4040, 0.2864, 0.3227

Protanomaly

55.4392, 0.3007, 0.3216

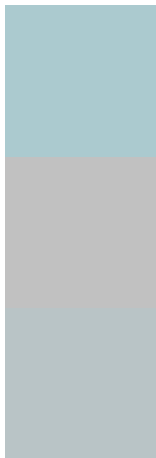
Deuteranomaly

54.7397, 0.3033, 0.3122

Tritanomaly

55.3480, 0.2832, 0.3140

Monochromacy



Original Color

55.4040, 0.2864, 0.3227

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.8714, 0.3027, 0.3265

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.4040, 0.2864, 0.3227 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(171, 202, 207)` looks like.

```
.text, #text, p{  
    color:rgb(171, 202, 207)  
}
```

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(171, 202, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 202, 207) }
```

Border

The CSS property to change the border of an element to Yxy 55.4040, 0.2864, 0.3227 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(171, 202, 207) }
```

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

```
.border{ border-color:rgb(171, 202, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 202, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 202, 207); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 202, 207); box-shadow:4px 4px 4px 4px rgb(171, 202, 207) }
```


Background

The CSS property to change the background color of an element to Yxy 55.4040, 0.2864, 0.3227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 202, 207) }
```

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

```
.background{ background-color: rgb(171,  
202, 207) }
```

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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