

Converting Colors

$Y_{xy}(55.5252, 0.2944, 0.3374)$

Have a look what the booklet for
Yxy(55.5252, 0.2944, 0.3374)
contains.

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Color

Yxy(55.4681, 0.2944, 0.3378)

Conversions

Conversions Part 1

Format	Color
Hex	ACCBC4
RGB	172, 203, 196
RGB Percent	67%, 80%, 77%
CMY	0.3253, 0.2040, 0.2313
CMYK	0.15, 0.00, 0.03, 0.20
HSL	166°, 23%, 74%
HSV	166°, 15%, 80%
XYZ	48.3416, 55.4681, 60.3942
YIQ	192.9330, -16.2290, -8.7490

Conversions

Conversions Part 2

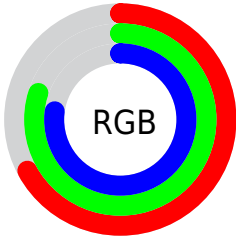
Format	Color
R _Y B	172, 189, 203
Decimal	11324356
CIE Lab	79.31, -11.70, 0.00
CIE LCh	79, 11.705, 179.995
Yxy	55.4681, 0.2944, 0.3378
Android (android.graphics.Color)	4289514436 (0xFFACCBC4)
YUV	192.9330, 1.5120, -18.3582
Hunter-Lab	74.4769, -14.4734, 4.0549

Details

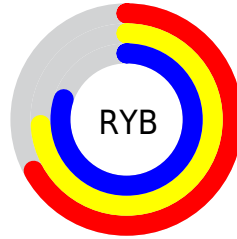
The Yxy color **55.4681, 0.2944, 0.3378** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **45.4727, 0.3349, 0.3204**, and the grayscale version is **53.2912, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.1058, 0.2975, 0.3310**, and **27.3698, 0.2895, 0.3410** is the 20% darker color. If you saturate the color by 10%, you get **53.1404, 0.2832, 0.3443**, and if you desaturate by 10%, it is **58.1576, 0.3063, 0.3319**.

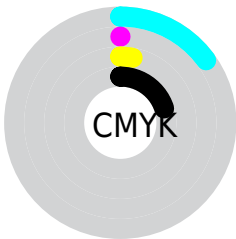
Distribution



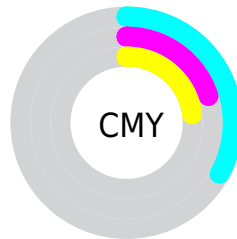
- Red (67%)
- Green (80%)
- Blue (77%)



- Red (67%)
- Yellow (74%)
- Blue (80%)



- Cyan (15%)
- Magenta (0%)
- Yellow (3%)
- Black (20%)




- Cyan (33%)
- Magenta (20%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.4681, 0.2944, 0.3378 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 55.4681, 0.2944, 0.3378 by changing the saturation by 10% instead.


 55.4681, 0.2944,
0.3378

 55.4681, 0.2944,
0.3378


407.6839, 0.3033,
0.3335

 39.7766, 0.2923,
0.3388


 98.2265, 0.2976,
0.3363

 27.3644, 0.2896,
0.3401


126.0621, 0.2988,
0.3357

 17.8471, 0.2860,
0.3418


158.7147, 0.2998,
0.3352

 10.8403, 0.2812,
0.3441

196.5684, 0.3007,
0.3348

 5.9595, 0.2743,
0.3474

240.0078, 0.3015,
0.3344

 2.8205, 0.2636,
0.3526

289.4173, 0.3021,

 1.0387, 0.2423,

0.3341

0.3627

345.1812, 0.3028,
0.3338

0.0000, 0.0000,
0.0000

55.4681, 0.2944,
0.3378

55.4681, 0.2944,
0.3378

53.1404, 0.2832,
0.3443

58.1576, 0.3063,
0.3319

51.1517, 0.2729,
0.3513

61.2169, 0.3186,
0.3265

49.4872, 0.2639,
0.3588

64.6624, 0.3311,
0.3217

48.1281, 0.2564,
0.3666

68.5073, 0.3435,
0.3175

47.0540, 0.2507,
0.3747

69.0768, 0.3414,
0.3129

■ 46.2416, 0.2469,
0.3830

■ 69.3208, 0.3380,
0.3084

■ 45.6642, 0.2450,
0.3913

■ 69.5716, 0.3345,
0.3038

■ 45.2889, 0.2450,
0.3996

■ 69.8290, 0.3311,
0.2993

■ 45.1515, 0.2454,
0.4035

■ 70.0932, 0.3278,
0.2949

Harmonies

Analogous

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



55.4681, 0.3085, 0.3498



55.4681, 0.2944, 0.3378



55.4681, 0.2853, 0.3235

Triad

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



55.4681, 0.2944, 0.3378



55.4681, 0.3010, 0.3035



55.4681, 0.3430, 0.3459

Complementary

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



55.4681, 0.2944, 0.3378



45.4727, 0.3349, 0.3204

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.



55.4681, 0.3410, 0.3334



55.4681, 0.2944, 0.3378



55.4681, 0.3164, 0.3094

Square

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



55.4681, 0.2944, 0.3378



55.4681, 0.2890, 0.3041



55.4681, 0.3311, 0.3202



55.4681, 0.3367, 0.3543

Rectangle

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



55.4681, 0.2944, 0.3378



55.4681, 0.2831, 0.3148



55.4681, 0.3311, 0.3202



55.4681, 0.3433, 0.3420

Sweetspot

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



55.4704, 0.2944, 0.3378



97.4779, 0.3065, 0.3318



55.3039, 0.3164, 0.3687



20.7912, 0.3057, 0.3322



0.0000, 0.0000, 0.0000



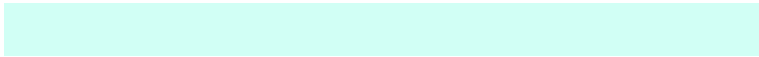
21.4041, 0.3127, 0.3290

Same Dimension

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



55.4704, 0.2944, 0.3378



91.6617, 0.2910, 0.3397



52.0007, 0.2894, 0.3184



12.6821, 0.3013, 0.3343



28.7509, 0.2451, 0.4024



1.4941, 0.2406, 0.3863

Inverse Universe

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



45.4727, 0.3349, 0.3204



72.0477, 0.3401, 0.3186



48.4383, 0.3395, 0.3393



11.2544, 0.3255, 0.3238



8.2157, 0.5986, 0.3071



0.4357, 0.5423, 0.2761

Previews

White Background



This preview shows how the Yxy color 55.4681, 0.2944, 0.3378 looks on a white background.

Color Contrast Check

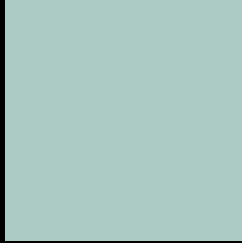
Large Text (above 18pt) WCAG AA × Fail

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 55.4681, 0.2944, 0.3378 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

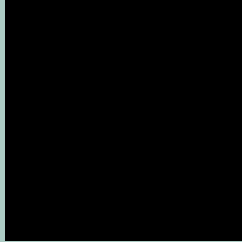
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

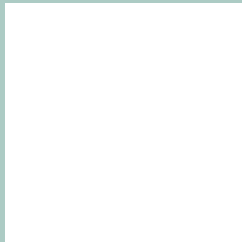
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.4681, 0.2944, 0.3378

Background



This preview shows how black text looks on a background with the Yxy color 55.4681, 0.2944, 0.3378.



This preview shows how white text looks on a background with the Yxy color 55.4681, 0.2944, 0.3378.

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

55.4681, 0.2944, 0.3378

Protanopia

55.2535, 0.3198, 0.3326

Deuteranopia

55.2466, 0.3255, 0.3186



Tritanopia

55.4965, 0.2840, 0.3093

Trichromacy



Original Color

55.4681, 0.2944, 0.3378

Protanomaly

55.1856, 0.3101, 0.3352

Deuteranomaly

55.2495, 0.3137, 0.3254

Tritanomaly

55.4907, 0.2879, 0.3190

Monochromacy



Original Color

55.4681, 0.2944, 0.3378

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

54.1418, 0.3055, 0.3327

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.4681, 0.2944, 0.3378 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(172, 203, 196)` looks like.

```
.text, #text, p{  
    color:rgb(172, 203, 196)  
}
```

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(172, 203, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 203, 196) }
```

Border

The CSS property to change the border of an element to Yxy 55.4681, 0.2944, 0.3378 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(172, 203, 196) }
```

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

```
.border{ border-color:rgb(172, 203, 196) }
```

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

Here you see how a box with a 4 pixel rgb(172, 203, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 203, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 203, 196);  
box-shadow:4px 4px 4px 4px rgb(172, 203,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 55.4681, 0.2944, 0.3378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 203, 196) }
```

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

```
.background{ background-color: rgb(172,  
203, 196) }
```

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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