

Converting Colors

$Yxy(55.6499, 0.2920, 0.3265)$

Have a look what the booklet for
Yxy(55.6499, 0.2920, 0.3265)
contains.

Yxy(55.8308, 0.2919, 0.3264)	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(55.8308, 0.2919, 0.3264)

Conversions

Conversions Part 1

Format	Color
Hex	B0CACC
RGB	176, 202, 204
RGB Percent	69%, 79%, 80%
CMY	0.3097, 0.2079, 0.1999
CMYK	0.14, 0.01, 0.00, 0.20
HSL	184°, 22%, 75%
HSV	184°, 14%, 80%
XYZ	49.9296, 55.8308, 65.2899
YIQ	194.4540, -16.1380, -4.8900

Conversions

Conversions Part 2

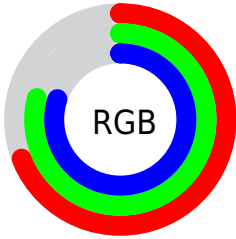
Format	Color
R _Y B	176, 189, 204
Decimal	11586252
CIE Lab	79.52, -8.28, -3.97
CIE LCh	80, 9.177, 205.612
Yxy	55.8308, 0.2919, 0.3264
Android (android.graphics.Color)	4289776332 (0xFFB0CACC)
YUV	194.4540, 4.7062, -16.1842
Hunter-Lab	74.7200, -11.4824, 0.4968

Details

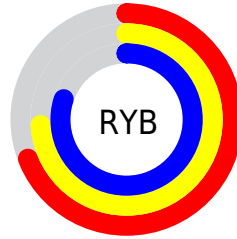
The Yxy color **55.8308, 0.2919, 0.3264** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **47.8380, 0.3374, 0.3316**, and the grayscale version is **54.2142, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.8958, 0.2987, 0.3290**, and **27.5928, 0.2863, 0.3256** is the 20% darker color. If you saturate the color by 10%, you get **52.9389, 0.2776, 0.3243**, and if you desaturate by 10%, it is **59.0915, 0.3070, 0.3283**.

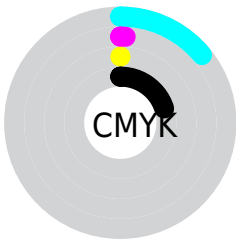
Distribution



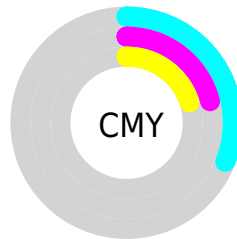
- Red (69%)
- Green (79%)
- Blue (80%)



- Red (69%)
- Yellow (74%)
- Blue (80%)



- Cyan (14%)
- Magenta (1%)
- Yellow (0%)
- Black (20%)



- Cyan (31%)
- Magenta (21%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.8308, 0.2919, 0.3264 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 55.8308, 0.2919, 0.3264 by changing the saturation by 10% instead.

■ 55.8308, 0.2919,
0.3264

■ 55.8308, 0.2919,
0.3264

409.0535, 0.3019,
0.3277

■ 40.0673, 0.2895,
0.3261

■ 98.7571, 0.2955,
0.3269

■ 27.5910, 0.2865,
0.3256

126.6888, 0.2968,
0.3271

■ 18.0176, 0.2825,
0.3250

159.4452, 0.2980,
0.3272

■ 10.9626, 0.2772,
0.3241

197.4109, 0.2990,
0.3274

■ 6.0417, 0.2696,
0.3228

240.9701, 0.2999,
0.3275

■ 2.8705, 0.2579,
0.3206

290.5074, 0.3006,

■ 1.0645, 0.2375,

0.3276

0.3163

346.4071, 0.3013,
0.3277

0.0000, 0.0000,
0.0000

55.8308, 0.2919,
0.3264

55.8308, 0.2919,
0.3264

52.9389, 0.2776,
0.3243

59.0915, 0.3070,
0.3283

50.3929, 0.2644,
0.3221

62.7289, 0.3225,
0.3301

48.1780, 0.2525,
0.3198

66.7594, 0.3382,
0.3317

46.2757, 0.2422,
0.3174

70.6941, 0.3519,
0.3331

44.6653, 0.2337,
0.3149

71.4192, 0.3516,
0.3346

■ 43.3241, 0.2271,
0.3124

■ 72.1511, 0.3513,
0.3361

■ 42.2255, 0.2225,
0.3100

■ 72.8897, 0.3510,
0.3376

■ 41.3375, 0.2196,
0.3075

■ 73.6351, 0.3507,
0.3391

■ 40.8522, 0.2183,
0.3060

■ 74.3874, 0.3504,
0.3406

Harmonies

Analogous

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



55.8308, 0.2998, 0.3374



55.8308, 0.2919, 0.3264



55.8308, 0.2895, 0.3163

Triad

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



55.8308, 0.2919, 0.3264



55.8308, 0.3138, 0.3126



55.8308, 0.3326, 0.3481

Complementary

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



55.8308, 0.2919, 0.3264



47.8380, 0.3374, 0.3316

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.



55.8308, 0.3365, 0.3410



55.8308, 0.2919, 0.3264



55.8308, 0.3256, 0.3207

Square

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



55.8308, 0.2919, 0.3264



55.8308, 0.3020, 0.3087



55.8308, 0.3340, 0.3310



55.8308, 0.3233, 0.3501

Rectangle

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



55.8308, 0.2919, 0.3264



55.8308, 0.2912, 0.3116



55.8308, 0.3340, 0.3310



55.8308, 0.3346, 0.3462

Sweetspot

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



55.8331, 0.2919, 0.3264



97.6451, 0.3065, 0.3283



55.6421, 0.3097, 0.3626



20.8077, 0.3053, 0.3281



0.0000, 0.0000, 0.0000



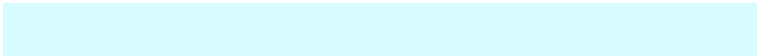
21.4041, 0.3127, 0.3290

Same Dimension

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



55.8331, 0.2919, 0.3264



91.1915, 0.2883, 0.3259



49.6267, 0.2914, 0.3088



12.5822, 0.2984, 0.3273



25.7630, 0.2184, 0.3064



1.3717, 0.2198, 0.3111

Inverse Universe

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



48.1635, 0.3159, 0.2978



76.4852, 0.3166, 0.2920



53.6287, 0.3351, 0.3484



11.3892, 0.3149, 0.3078



10.4038, 0.3399, 0.1646



0.5410, 0.3358, 0.1623

Previews

White Background



This preview shows how the Yxy color 55.8308, 0.2919, 0.3264 looks on a white background.

Color Contrast Check

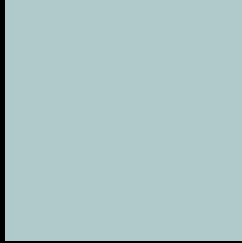
Large Text (above 18pt) WCAG AA × Fail

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 55.8308, 0.2919, 0.3264 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

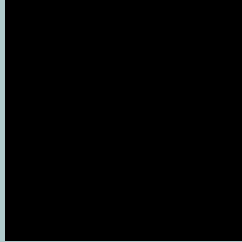
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

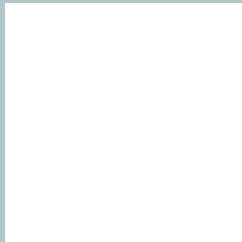
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.8308, 0.2919, 0.3264

Background



This preview shows how black text looks on a background with the Yxy color 55.8308, 0.2919, 0.3264.



This preview shows how white text looks on a background with the Yxy color 55.8308, 0.2919, 0.3264.

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

55.8308, 0.2919, 0.3264

Protanopia

55.7921, 0.3121, 0.3242

Deuteranopia

55.5667, 0.3176, 0.3116



Tritanopia

55.7314, 0.2854, 0.3094

Trichromacy



Original Color

55.8308, 0.2919, 0.3264

Protanomaly

55.6816, 0.3051, 0.3253

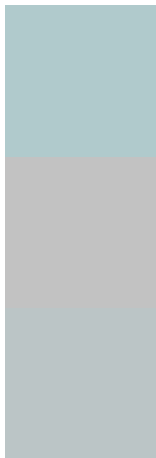
Deuteranomaly

55.4438, 0.3078, 0.3170

Tritanomaly

55.8739, 0.2873, 0.3154

Monochromacy



Original Color

55.8308, 0.2919, 0.3264

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

54.5745, 0.3042, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.8308, 0.2919, 0.3264 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(176, 202, 204)` looks like.

```
.text, #text, p{  
    color:rgb(176, 202, 204)  
}
```

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(176, 202, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 202, 204) }
```

Border

The CSS property to change the border of an element to Yxy 55.8308, 0.2919, 0.3264 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(176, 202, 204) }
```

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

```
.border{ border-color:rgb(176, 202, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 202, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 202, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 202, 204);  
box-shadow:4px 4px 4px 4px rgb(176, 202,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 55.8308, 0.2919, 0.3264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 202, 204) }
```

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

```
.background{ background-color: rgb(176,  
202, 204) }
```

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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