

Converting Colors

$Yxy(55.1735, 0.2946, 0.3302)$

Have a look what the booklet for
Yxy(55.1735, 0.2946, 0.3302)
contains.

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Color

Yxy(55.1735, 0.2946, 0.3302)

Conversions

Conversions Part 1

Format	Color
Hex	B0C9C8
RGB	176, 201, 200
RGB Percent	69%, 79%, 78%
CMY	0.3096, 0.2118, 0.2157
CMYK	0.12, 0.00, 0.00, 0.21
HSL	178°, 19%, 74%
HSV	178°, 12%, 79%
XYZ	49.2251, 55.1735, 62.6926
YIQ	193.4110, -14.5790, -5.6110

Conversions

Conversions Part 2

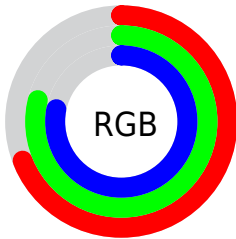
Format	Color
R _Y B	176, 189, 201
Decimal	11585992
CIE Lab	79.14, -8.56, -2.35
CIE LCh	79, 8.876, 195.346
Yxy	55.1735, 0.2946, 0.3302
Android (android.graphics.Color)	4289776072 (0xFFB0C9C8)
YUV	193.4110, 3.2484, -15.2694
Hunter-Lab	74.2789, -11.6950, 1.9535

Details

The Yxy color **55.1735, 0.2946, 0.3302** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **46.6666, 0.3341, 0.3278**, and the grayscale version is **53.5761, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.8958, 0.2987, 0.3290**, and **27.1537, 0.2897, 0.3306** is the 20% darker color. If you saturate the color by 10%, you get **52.9652, 0.2809, 0.3313**, and if you desaturate by 10%, it is **57.7336, 0.3091, 0.3292**.

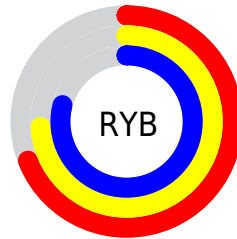
Distribution



Red (69%)

Green (79%)

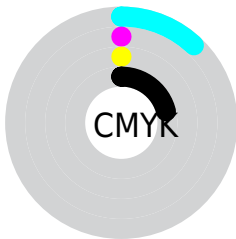
Blue (78%)



Red (69%)

Yellow (74%)

Blue (79%)

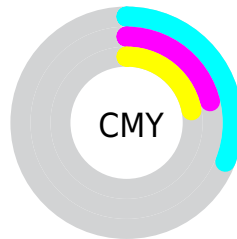


Cyan (12%)

Magenta (0%)

Yellow (0%)

Black (21%)



Cyan (31%)

Magenta (21%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.1735, 0.2946, 0.3302 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 55.1735, 0.2946, 0.3302 by changing the saturation by 10% instead.

■ 55.1735, 0.2946,
0.3302

■ 55.1735, 0.2946,
0.3302

406.5693, 0.3034,
0.3297

■ 39.5406, 0.2925,
0.3303

■ 97.7951, 0.2977,
0.3300

■ 27.1806, 0.2898,
0.3304

125.5527, 0.2989,
0.3300

■ 17.7089, 0.2864,
0.3306

158.1206, 0.2999,
0.3299

■ 10.7412, 0.2817,
0.3308

195.8832, 0.3008,
0.3298

■ 5.8931, 0.2749,
0.3310

239.2250, 0.3016,
0.3298

■ 2.7802, 0.2644,
0.3313

288.5304, 0.3022,

■ 1.0181, 0.2453,

0.3298

0.3317

344.1837, 0.3028,
0.3297

0.0000, 0.0000,
0.0000

55.1735, 0.2946,
0.3302

55.1735, 0.2946,
0.3302

52.9652, 0.2809,
0.3313

57.7336, 0.3091,
0.3292

51.0865, 0.2684,
0.3324

60.6527, 0.3242,
0.3283

49.5234, 0.2573,
0.3336

63.9467, 0.3396,
0.3275

48.2582, 0.2479,
0.3349

67.3512, 0.3539,
0.3268

47.2716, 0.2403,
0.3362

67.3898, 0.3533,
0.3260

■ 46.5417, 0.2346,
0.3375

■ 67.4285, 0.3526,
0.3252

■ 46.0437, 0.2308,
0.3388

■ 67.4675, 0.3520,
0.3243

■ 45.7476, 0.2288,
0.3401

■ 67.5067, 0.3514,
0.3235

■ 45.6164, 0.2281,
0.3411

■ 67.5461, 0.3507,
0.3227

Harmonies

Analogous

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



55.1735, 0.3037, 0.3405



55.1735, 0.2946, 0.3302



55.1735, 0.2903, 0.3198

Triad

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



55.1735, 0.2946, 0.3302



55.1735, 0.3097, 0.3112



55.1735, 0.3340, 0.3457

Complementary

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



55.1735, 0.2946, 0.3302



46.6666, 0.3341, 0.3278

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.



55.1735, 0.3357, 0.3376



55.1735, 0.2946, 0.3302



55.1735, 0.3215, 0.3179

Square

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



55.1735, 0.2946, 0.3302



55.1735, 0.2989, 0.3091



55.1735, 0.3311, 0.3274



55.1735, 0.3265, 0.3495

Rectangle

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



55.1735, 0.2946, 0.3302



55.1735, 0.2906, 0.3142



55.1735, 0.3311, 0.3274



55.1735, 0.3353, 0.3434

Sweetspot

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



55.1758, 0.2946, 0.3302



98.0902, 0.3067, 0.3294



54.2890, 0.3122, 0.3611



20.9209, 0.3056, 0.3295



0.0000, 0.0000, 0.0000



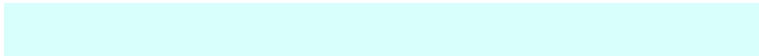
21.4041, 0.3127, 0.3290

Same Dimension

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



55.1758, 0.2946, 0.3302



93.3550, 0.2907, 0.3305



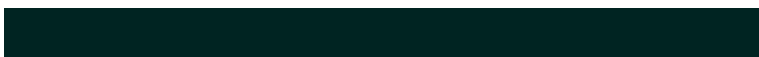
50.1815, 0.2936, 0.3147



12.0599, 0.2989, 0.3299



28.6881, 0.2280, 0.3409



1.3607, 0.2273, 0.3382

Inverse Universe

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



46.6666, 0.3341, 0.3278



75.8337, 0.3398, 0.3275



51.2120, 0.3332, 0.3429



10.6437, 0.3283, 0.3281



7.8220, 0.6352, 0.3273



0.3728, 0.6182, 0.3179

Previews

White Background



This preview shows how the Yxy color 55.1735, 0.2946, 0.3302 looks on a white background.

Color Contrast Check

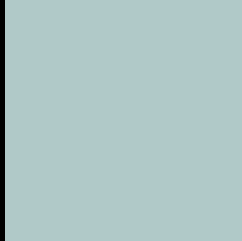
Large Text (above 18pt) WCAG AA × Fail

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 55.1735, 0.2946, 0.3302 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

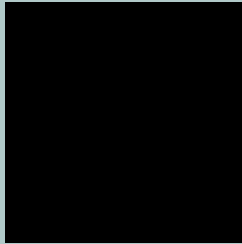
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

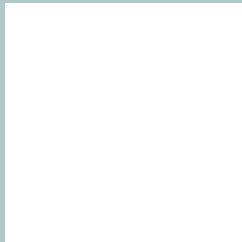
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.1735, 0.2946, 0.3302

Background



This preview shows how black text looks on a background with the Yxy color 55.1735, 0.2946, 0.3302.

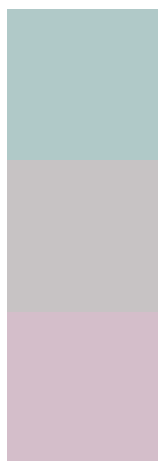


This preview shows how white text looks on a background with the Yxy color 55.1735, 0.2946, 0.3302.

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

55.1735, 0.2946, 0.3302

Protanopia

55.1578, 0.3152, 0.3278

Deuteranopia

55.0882, 0.3215, 0.3150



Tritanopia

55.3369, 0.2867, 0.3093

Trichromacy



Original Color

55.1735, 0.2946, 0.3302

Protanomaly

55.0401, 0.3080, 0.3290

Deuteranomaly

54.9427, 0.3115, 0.3206

Tritanomaly

55.4267, 0.2893, 0.3166

Monochromacy



Original Color

55.1735, 0.2946, 0.3302

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

54.0302, 0.3056, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.1735, 0.2946, 0.3302 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, 201, 200)` looks like.

```
.text, #text, p{  
    color:rgb(176, 201, 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(176, 201, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 201, 200) }
```

Border

The CSS property to change the border of an element to Yxy 55.1735, 0.2946, 0.3302 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, 201, 200) }
```

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

```
.border{ border-color:rgb(176, 201, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 201, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 201, 200); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 201, 200); box-shadow:4px 4px 4px 4px rgb(176, 201, 200) }
```


Background

The CSS property to change the background color of an element to Yxy 55.1735, 0.2946, 0.3302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 201, 200) }
```

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

```
.background{ background-color: rgb(176,  
201, 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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