

Converting Colors

Yxy(51.3411, 0.2972, 0.3359)

Have a look what the booklet for
Yxy(51.3411, 0.2972, 0.3359)
contains.

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Color

Yxy(51.2940, 0.2968, 0.3355)

Conversions

Conversions Part 1

Format	Color
Hex	AAC3BE
RGB	170, 195, 190
RGB Percent	67%, 76%, 75%
CMY	0.3335, 0.2352, 0.2549
CMYK	0.13, 0.00, 0.03, 0.24
HSL	168°, 17%, 72%
HSV	168°, 13%, 76%
XYZ	45.3772, 51.2940, 56.2170
YIQ	186.9550, -13.2950, -6.8550

Conversions

Conversions Part 2

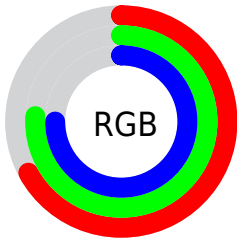
Format	Color
RYB	170, 184, 195
Decimal	11191230
CIELab	76.86, -9.46, -0.35
CIELCh	77, 9.467, 182.116
Yxy	51.2940, 0.2968, 0.3355
Android (android.graphics.Color)	4289381310 (0xFFAAC3BE)
YUV	186.9550, 1.5012, -14.8695
Hunter-Lab	71.6198, -12.2398, 3.5950

Details

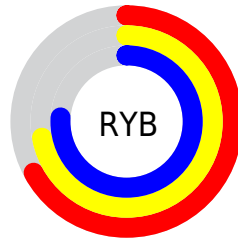
The Yxy color **51.2940, 0.2968, 0.3355** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.4289, 0.3314, 0.3226**, and the grayscale version is **49.6603, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.2822, 0.2995, 0.3350**, and **24.7074, 0.2926, 0.3361** is the 20% darker color. If you saturate the color by 10%, you get **49.1135, 0.2851, 0.3411**, and if you desaturate by 10%, it is **53.8057, 0.3091, 0.3304**.

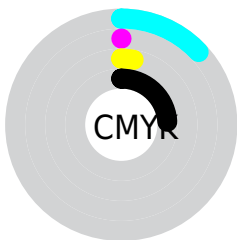
Distribution



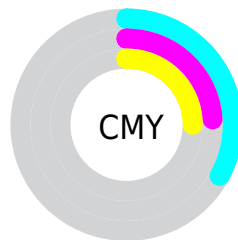
- Red (67%)
- Green (76%)
- Blue (75%)



- Red (67%)
- Yellow (72%)
- Blue (76%)



- Cyan (13%)
- Magenta (0%)
- Yellow (3%)
- Black (24%)



- Cyan (33%)
- Magenta (24%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.2940, 0.2968, 0.3355 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 51.2940, 0.2968, 0.3355 by changing the saturation by 10% instead.

 51.2940, 0.2968,
0.3355

 51.2940, 0.2968,
0.3355


391.7050, 0.3046,
0.3323

 36.4426, 0.2949,
0.3363


 92.0892, 0.2996,
0.3344

 24.7762, 0.2924,
0.3373


118.8018, 0.3007,
0.3339

 15.9104, 0.2892,
0.3386


150.2370, 0.3016,
0.3336

 9.4608, 0.2848,
0.3403

186.7791, 0.3024,
0.3332

 5.0429, 0.2784,
0.3429

228.8126, 0.3030,
0.3330

 2.2725, 0.2681,
0.3470

276.7218, 0.3036,

 0.7591, 0.2335,

0.3327

0.3614

330.8911, 0.3042,
0.3325

0.0000, 0.0000,
0.0000

51.2940, 0.2968,
0.3355

51.2940, 0.2968,
0.3355

49.1135, 0.2851,
0.3411

53.8057, 0.3091,
0.3304

47.2437, 0.2744,
0.3472

56.6556, 0.3218,
0.3257

45.6714, 0.2648,
0.3537

59.8583, 0.3347,
0.3216

44.3801, 0.2567,
0.3605

63.4258, 0.3474,
0.3179

43.3517, 0.2503,
0.3676

64.9296, 0.3500,
0.3142

■ 42.5658, 0.2458,
0.3749

■ 65.1265, 0.3469,
0.3102

■ 41.9992, 0.2433,
0.3822

■ 65.3282, 0.3438,
0.3063

■ 41.6238, 0.2426,
0.3894

■ 65.5347, 0.3407,
0.3023

■ 41.4353, 0.2430,
0.3946

■ 65.7461, 0.3377,
0.2985

Harmonies

Analogous

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



51.2940, 0.3084, 0.3457



51.2940, 0.2968, 0.3355



51.2940, 0.2895, 0.3237

Triad

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



51.2940, 0.2968, 0.3355



51.2940, 0.3039, 0.3079



51.2940, 0.3377, 0.3437

Complementary

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



51.2940, 0.2968, 0.3355



43.4289, 0.3314, 0.3226

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.



51.2940, 0.3365, 0.3335



51.2940, 0.2968, 0.3355



51.2940, 0.3167, 0.3132

Square

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



51.2940, 0.2968, 0.3355



51.2940, 0.2935, 0.3080



51.2940, 0.3287, 0.3225



51.2940, 0.3320, 0.3503

Rectangle

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



51.2940, 0.2968, 0.3355



51.2940, 0.2880, 0.3166



51.2940, 0.3287, 0.3225



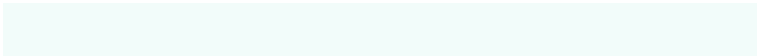
51.2940, 0.3381, 0.3406

Sweetspot

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



51.2961, 0.2968, 0.3355



95.7721, 0.3076, 0.3310



51.0970, 0.3155, 0.3620



20.8943, 0.3067, 0.3313



0.0000, 0.0000, 0.0000



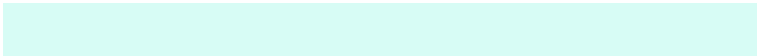
21.4041, 0.3127, 0.3290

Same Dimension

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



51.2961, 0.2968, 0.3355



90.8713, 0.2940, 0.3368



48.4116, 0.2931, 0.3197



11.3927, 0.3010, 0.3337



26.9371, 0.2427, 0.3936



1.1729, 0.2382, 0.3775

Inverse Universe

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



43.4289, 0.3314, 0.3226



74.4517, 0.3354, 0.3214



45.9695, 0.3347, 0.3382



10.1102, 0.3258, 0.3244



7.6463, 0.6050, 0.3107



0.3404, 0.5433, 0.2767

Previews

White Background



This preview shows how the Yxy color 51.2940, 0.2968, 0.3355 looks on a white background.

Color Contrast Check

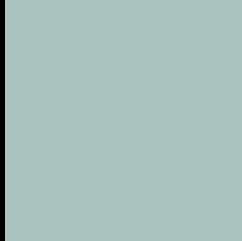
Large Text (above 18pt) WCAG AA × Fail

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 51.2940, 0.2968, 0.3355 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

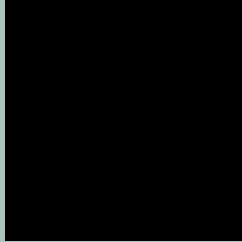
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

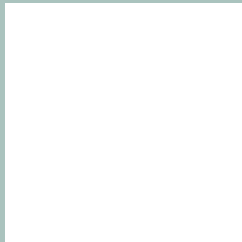
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.2940, 0.2968, 0.3355

Background



This preview shows how black text looks on a background with the Yxy color 51.2940, 0.2968, 0.3355.



This preview shows how white text looks on a background with the Yxy color 51.2940, 0.2968, 0.3355.

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

51.2940, 0.2968, 0.3355

Protanopia

50.8491, 0.3184, 0.3315

Deuteranopia

50.7946, 0.3251, 0.3182



Tritanopia

51.1376, 0.2866, 0.3087

Trichromacy



Original Color

51.2940, 0.2968, 0.3355

Protanomaly

51.1637, 0.3109, 0.3341

Deuteranomaly

50.6397, 0.3146, 0.3240

Tritanomaly

51.1276, 0.2906, 0.3187

Monochromacy



Original Color

51.2940, 0.2968, 0.3355

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

50.2815, 0.3069, 0.3315

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.2940, 0.2968, 0.3355 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(170, 195, 190)` looks like.

```
.text, #text, p{  
    color:rgb(170, 195, 190)  
}
```

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(170, 195, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 195, 190) }
```

Border

The CSS property to change the border of an element to Yxy 51.2940, 0.2968, 0.3355 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(170, 195, 190) }
```

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

```
.border{ border-color:rgb(170, 195, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 195, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 195, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 195, 190);  
box-shadow:4px 4px 4px 4px rgb(170, 195,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 51.2940, 0.2968, 0.3355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 195, 190) }
```

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

```
.background{ background-color: rgb(170,  
195, 190) }
```

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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