

Converting Colors

$Y_{xy}(52.3737, 0.2961, 0.3323)$

Have a look what the booklet for
Yxy(52.3737, 0.2961, 0.3323)
contains.

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Color

Yxy(52.2591, 0.2963, 0.3315)

Conversions

Conversions Part 1

Format	Color
Hex	ADC4C2
RGB	173, 196, 194
RGB Percent	68%, 77%, 76%
CMY	0.3216, 0.2313, 0.2391
CMYK	0.12, 0.00, 0.01, 0.23
HSL	175°, 16%, 72%
HSV	175°, 12%, 77%
XYZ	46.7100, 52.2591, 58.6752
YIQ	188.8950, -13.0660, -5.4980

Conversions

Conversions Part 2

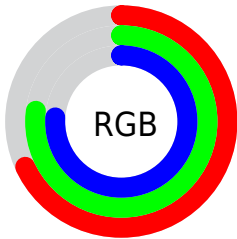
Format	Color
R _Y B	173, 185, 196
Decimal	11388098
CIE Lab	77.44, -8.17, -1.66
CIE LCh	77, 8.333, 191.470
Yxy	52.2591, 0.2963, 0.3315
Android (android.graphics.Color)	4289578178 (0xFFADC4C2)
YUV	188.8950, 2.5168, -13.9399
Hunter-Lab	72.2905, -11.1717, 2.4800

Details

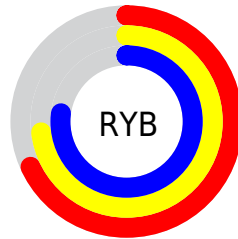
The Yxy color **52.2591, 0.2963, 0.3315** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **44.7119, 0.3319, 0.3265**, and the grayscale version is **50.8169, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.8107, 0.2997, 0.3320**, and **25.2325, 0.2919, 0.3325** is the 20% darker color. If you saturate the color by 10%, you get **50.1130, 0.2831, 0.3338**, and if you desaturate by 10%, it is **54.7383, 0.3102, 0.3294**.

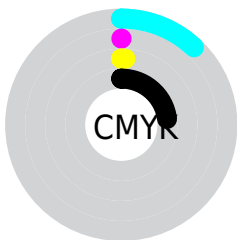
Distribution



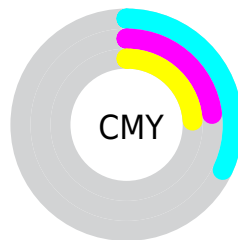
- Red (68%)
- Green (77%)
- Blue (76%)



- Red (68%)
- Yellow (73%)
- Blue (77%)



- Cyan (12%)
- Magenta (0%)
- Yellow (1%)
- Black (23%)



- Cyan (32%)
- Magenta (23%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.2591, 0.2963, 0.3315 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 52.2591, 0.2963, 0.3315 by changing the saturation by 10% instead.

■ 52.2591, 0.2963,
0.3315

■ 52.2591, 0.2963,
0.3315

395.4361, 0.3043,
0.3303

■ 37.2116, 0.2943,
0.3318

■ 93.5132, 0.2992,
0.3311

■ 25.3714, 0.2919,
0.3321

120.4887, 0.3003,
0.3309

■ 16.3540, 0.2886,
0.3326

152.2090, 0.3012,
0.3308

■ 9.7750, 0.2842,
0.3332

189.0584, 0.3020,
0.3307

■ 5.2500, 0.2777,
0.3340

231.4215, 0.3027,
0.3306

■ 2.3947, 0.2674,
0.3352

279.6825, 0.3033,

■ 0.8232, 0.2410,

0.3305

334.2259, 0.3039,
0.3304

0.3403

0.0000, 0.0000,
0.0000

52.2591, 0.2963,
0.3315

52.2591, 0.2963,
0.3315

50.1130, 0.2831,
0.3338

54.7383, 0.3102,
0.3294

48.2791, 0.2710,
0.3364

57.5573, 0.3246,
0.3274

46.7443, 0.2603,
0.3390

60.7308, 0.3393,
0.3257

45.4922, 0.2511,
0.3418

64.2710, 0.3539,
0.3241

44.5046, 0.2437,
0.3447

65.0297, 0.3555,
0.3224

■ 43.7613, 0.2381,
0.3476

■ 65.1105, 0.3542,
0.3207

■ 43.2389, 0.2345,
0.3506

■ 65.1922, 0.3528,
0.3190

■ 42.9099, 0.2327,
0.3535

■ 65.2747, 0.3514,
0.3172

■ 42.7414, 0.2322,
0.3559

■ 65.3582, 0.3501,
0.3155

Harmonies

Analogous

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



52.2591, 0.3055, 0.3411



52.2591, 0.2963, 0.3315



52.2591, 0.2915, 0.3214

Triad

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



52.2591, 0.2963, 0.3315



52.2591, 0.3084, 0.3115



52.2591, 0.3336, 0.3442

Complementary

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



52.2591, 0.2963, 0.3315



44.7119, 0.3319, 0.3265

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.



52.2591, 0.3345, 0.3360



52.2591, 0.2963, 0.3315



52.2591, 0.3198, 0.3174

Square

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



52.2591, 0.2963, 0.3315



52.2591, 0.2984, 0.3101



52.2591, 0.3293, 0.3263



52.2591, 0.3271, 0.3484

Rectangle

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



52.2591, 0.2963, 0.3315



52.2591, 0.2913, 0.3158



52.2591, 0.3293, 0.3263



52.2591, 0.3346, 0.3418

Sweetspot

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



52.2613, 0.2963, 0.3315



98.0600, 0.3069, 0.3298



51.6466, 0.3131, 0.3592



20.9132, 0.3059, 0.3300



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.



52.2613, 0.2963, 0.3315



93.6498, 0.2930, 0.3321



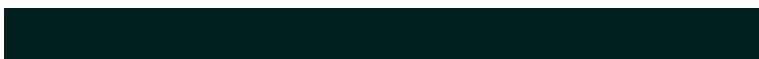
48.3233, 0.2947, 0.3170



11.4130, 0.2996, 0.3310



27.4676, 0.2321, 0.3555



1.1913, 0.2303, 0.3490

Inverse Universe

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



44.7119, 0.3319, 0.3265



77.3740, 0.3366, 0.3260



48.2884, 0.3321, 0.3407



10.0917, 0.3276, 0.3270



7.5721, 0.6291, 0.3239



0.3321, 0.5932, 0.3041

Previews

White Background



This preview shows how the Yxy color 52.2591, 0.2963, 0.3315 looks on a white background.

Color Contrast Check

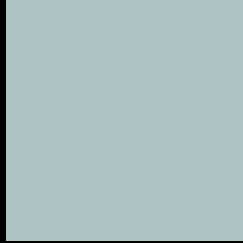
Large Text (above 18pt) WCAG AA × Fail

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 52.2591, 0.2963, 0.3315 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

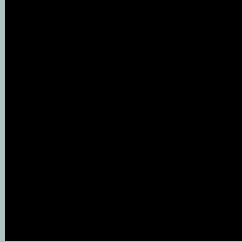
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

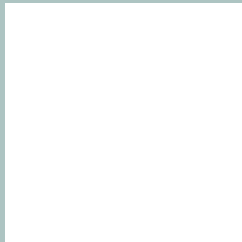
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.2591, 0.2963, 0.3315

Background



This preview shows how black text looks on a background with the Yxy color 52.2591, 0.2963, 0.3315.

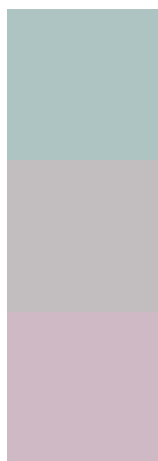


This preview shows how white text looks on a background with the Yxy color 52.2591, 0.2963, 0.3315.

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

52.2591, 0.2963, 0.3315

Protanopia

52.0578, 0.3152, 0.3278

Deuteranopia

51.9488, 0.3226, 0.3159



Tritanopia

52.4171, 0.2882, 0.3102

Trichromacy



Original Color

52.2591, 0.2963, 0.3315

Protanomaly

51.9441, 0.3079, 0.3290

Deuteranomaly

51.9374, 0.3131, 0.3216

Tritanomaly

52.5038, 0.2909, 0.3176

Monochromacy



Original Color

52.2591, 0.2963, 0.3315

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

51.5281, 0.3062, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.2591, 0.2963, 0.3315 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(173, 196, 194)` looks like.

```
.text, #text, p{  
    color:rgb(173, 196, 194)  
}
```

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(173, 196, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 196, 194) }
```

Border

The CSS property to change the border of an element to Yxy 52.2591, 0.2963, 0.3315 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(173, 196, 194) }
```

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

```
.border{ border-color:rgb(173, 196, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 196, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(173, 196, 194); -webkit-box-shadow:4px 4px 4px 4px rgb(173, 196, 194); box-shadow:4px 4px 4px 4px rgb(173, 196, 194) }
```


Background

The CSS property to change the background color of an element to Yxy 52.2591, 0.2963, 0.3315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 196, 194) }
```

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

```
.background{ background-color: rgb(173,  
196, 194) }
```

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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