

Converting Colors

Yxy(52.1643, 0.2915, 0.3249)

Have a look what the booklet for
Yxy(52.1643, 0.2915, 0.3249)
contains.

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Color

Yxy(52.2613, 0.2914, 0.3251)

Conversions

Conversions Part 1

Format	Color
Hex	ABC4C7
RGB	171, 196, 199
RGB Percent	67%, 77%, 78%
CMY	0.3294, 0.2314, 0.2196
CMYK	0.14, 0.02, 0.00, 0.22
HSL	186°, 20%, 73%
HSV	186°, 14%, 78%
XYZ	46.8439, 52.2613, 61.6494
YIQ	188.8670, -15.8630, -4.3670

Conversions

Conversions Part 2

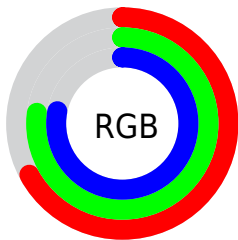
Format	Color
RYB	171, 184, 199
Decimal	11257031
CIELab	77.44, -7.80, -4.36
CIElCh	77, 8.932, 209.215
Yxy	52.2613, 0.2914, 0.3251
Android (android.graphics.Color)	4289447111 (0xFFABC4C7)
YUV	188.8670, 4.9956, -15.6694
Hunter-Lab	72.2920, -10.8462, 0.0429

Details

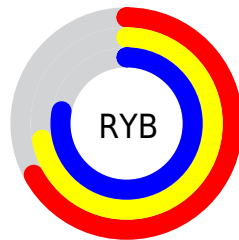
The Yxy color **52.2613, 0.2914, 0.3251** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **45.3553, 0.3379, 0.3329**, and the grayscale version is **50.7882, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.8015, 0.2958, 0.3270**, and **25.2419, 0.2854, 0.3237** is the 20% darker color. If you saturate the color by 10%, you get **49.2405, 0.2770, 0.3220**, and if you desaturate by 10%, it is **55.6365, 0.3065, 0.3279**.

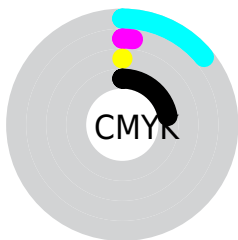
Distribution



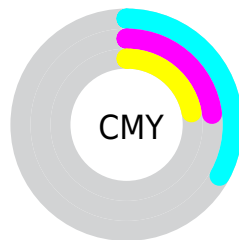
- Red (67%)
- Green (77%)
- Blue (78%)



- Red (67%)
- Yellow (72%)
- Blue (78%)



- Cyan (14%)
- Magenta (2%)
- Yellow (0%)
- Black (22%)



- Cyan (33%)
- Magenta (23%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.2613, 0.2914, 0.3251 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 52.2613, 0.2914, 0.3251 by changing the saturation by 10% instead.

■ 52.2613, 0.2914,
0.3251

■ 52.2613, 0.2914,
0.3251

395.4445, 0.3018,
0.3271

■ 37.2134, 0.2889,
0.3246

■ 93.5165, 0.2951,
0.3258

■ 25.3728, 0.2857,
0.3239

120.4926, 0.2965,
0.3261

■ 16.3550, 0.2815,
0.3230

152.2135, 0.2977,
0.3263

■ 9.7757, 0.2758,
0.3217

189.0636, 0.2988,
0.3265

■ 5.2505, 0.2676,
0.3198

231.4274, 0.2997,
0.3267

■ 2.3950, 0.2546,
0.3165

279.6892, 0.3005,

■ 0.8233, 0.2246,

0.3269

0.3123

334.2335, 0.3012,
0.3270

0.0000, 0.0000,
0.0000

52.2613, 0.2914,
0.3251

52.2613, 0.2914,
0.3251

49.2405, 0.2770,
0.3220

55.6365, 0.3065,
0.3279

46.5526, 0.2636,
0.3188

59.3736, 0.3219,
0.3305

44.1836, 0.2515,
0.3153

63.4883, 0.3375,
0.3328

42.1158, 0.2408,
0.3117

67.9930, 0.3530,
0.3349

40.3299, 0.2320,
0.3081

69.8393, 0.3560,
0.3370

■ 38.8043, 0.2250,
0.3043

■ 70.8757, 0.3555,
0.3392

■ 37.5138, 0.2199,
0.3006

■ 71.9261, 0.3551,
0.3413

■ 36.4283, 0.2166,
0.2970

■ 72.9904, 0.3546,
0.3435

■ 35.8474, 0.2152,
0.2948

■ 74.0689, 0.3542,
0.3456

Harmonies

Analogous

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



52.2613, 0.2987, 0.3361



52.2613, 0.2914, 0.3251



52.2613, 0.2897, 0.3154

Triad

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



52.2613, 0.2914, 0.3251



52.2613, 0.3153, 0.3135



52.2613, 0.3316, 0.3486

Complementary

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



52.2613, 0.2914, 0.3251



45.3553, 0.3379, 0.3329

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.



52.2613, 0.3363, 0.3420



52.2613, 0.2914, 0.3251



52.2613, 0.3268, 0.3219

Square

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



52.2613, 0.2914, 0.3251



52.2613, 0.3033, 0.3090



52.2613, 0.3345, 0.3323



52.2613, 0.3219, 0.3499

Rectangle

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



52.2613, 0.2914, 0.3251



52.2613, 0.2919, 0.3110



52.2613, 0.3345, 0.3323



52.2613, 0.3338, 0.3469

Sweetspot

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



52.2635, 0.2914, 0.3251



97.4222, 0.3065, 0.3279



52.5532, 0.3090, 0.3621



20.7511, 0.3053, 0.3277



0.0000, 0.0000, 0.0000



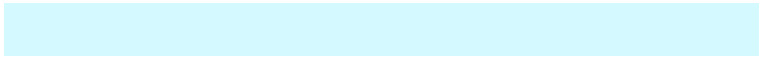
21.4041, 0.3127, 0.3290

Same Dimension

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



52.2635, 0.2914, 0.3251



89.7613, 0.2867, 0.3242



46.3215, 0.2908, 0.3071



11.8662, 0.2984, 0.3265



23.1287, 0.2154, 0.2953



1.1521, 0.2175, 0.3029

Inverse Universe

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



45.2561, 0.3168, 0.2982



75.0970, 0.3178, 0.2911



50.9642, 0.3355, 0.3500



10.7963, 0.3154, 0.3086



9.8748, 0.3496, 0.1699



0.4733, 0.3428, 0.1662

Previews

White Background



This preview shows how the Yxy color 52.2613, 0.2914, 0.3251 looks on a white background.

Color Contrast Check

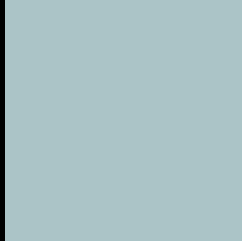
Large Text (above 18pt) WCAG AA × Fail

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 52.2613, 0.2914, 0.3251 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

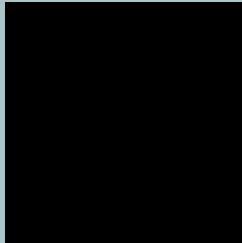
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

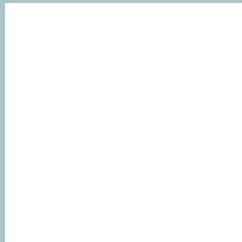
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.2613, 0.2914, 0.3251

Background



This preview shows how black text looks on a background with the Yxy color 52.2613, 0.2914, 0.3251.



This preview shows how white text looks on a background with the Yxy color 52.2613, 0.2914, 0.3251.

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

52.2613, 0.2914, 0.3251

Protanopia

52.1045, 0.3114, 0.3228

Deuteranopia

51.8941, 0.3169, 0.3099



Tritanopia

52.1210, 0.2853, 0.3088

Trichromacy



Original Color

52.2613, 0.2914, 0.3251

Protanomaly

51.9991, 0.3042, 0.3240

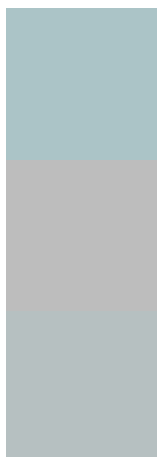
Deuteranomaly

51.9028, 0.3077, 0.3155

Tritanomaly

52.2571, 0.2873, 0.3150

Monochromacy



Original Color

52.2613, 0.2914, 0.3251

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

51.4946, 0.3040, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.2613, 0.2914, 0.3251 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(171, 196, 199)` looks like.

```
.text, #text, p{  
    color:rgb(171, 196, 199)  
}
```

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(171, 196, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 196, 199) }
```

Border

The CSS property to change the border of an element to Yxy 52.2613, 0.2914, 0.3251 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(171, 196, 199) }
```

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

```
.border{ border-color:rgb(171, 196, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 196, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 196, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 196, 199); box-shadow:4px 4px 4px 4px rgb(171, 196, 199) }
```


Background

The CSS property to change the background color of an element to Yxy 52.2613, 0.2914, 0.3251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 196, 199) }
```

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

```
.background{ background-color: rgb(171,  
196, 199) }
```

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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