

Converting Colors

$Y_{xy}(52.9483, 0.2945, 0.3259)$

Have a look what the booklet for
Yxy(52.9483, 0.2945, 0.3259)
contains.

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Color

Yxy(53.1700, 0.2944, 0.3264)

Conversions

Conversions Part 1

Format	Color
Hex	AFC5C7
RGB	175, 197, 199
RGB Percent	69%, 77%, 78%
CMY	0.3137, 0.2275, 0.2196
CMYK	0.12, 0.01, 0.00, 0.22
HSL	185°, 18%, 73%
HSV	185°, 12%, 78%
XYZ	47.9573, 53.1700, 61.7710
YIQ	190.6500, -13.7540, -4.0420

Conversions

Conversions Part 2

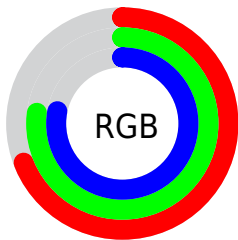
Format	Color
R_{YB}	175, 186, 199
Decimal	11519431
CIE _{Lab}	77.98, -7.01, -3.54
CIE _{LCh}	78, 7.855, 206.787
Yxy	53.1700, 0.2944, 0.3264
Android (android.graphics.Color)	4289709511 (0xFFAFC5C7)
YUV	190.6500, 4.1165, -13.7251
Hunter-Lab	72.9178, -10.2085, 0.8159

Details

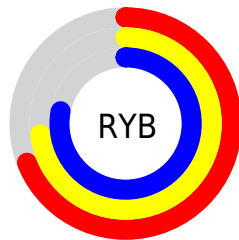
The Yxy color **53.1700, 0.2944, 0.3264** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.6923, 0.3339, 0.3316**, and the grayscale version is **51.8716, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.0925, 0.2981, 0.3280**, and **25.8268, 0.2893, 0.3255** is the 20% darker color. If you saturate the color by 10%, you get **50.2847, 0.2799, 0.3240**, and if you desaturate by 10%, it is **56.4075, 0.3095, 0.3286**.

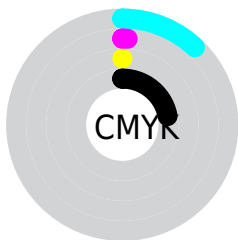
Distribution



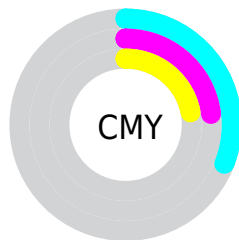
- Red (69%)
- Green (77%)
- Blue (78%)



- Red (69%)
- Yellow (73%)
- Blue (78%)



- Cyan (12%)
- Magenta (1%)
- Yellow (0%)
- Black (22%)





- Cyan (31%)
- Magenta (23%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.1700, 0.2944, 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 53.1700, 0.2944, 0.3264 by changing the saturation by 10% instead.


 53.1700, 0.2944,
0.3264

 53.1700, 0.2944,
0.3264

398.9370, 0.3033,
0.3277

 37.9385, 0.2922,
0.3261


 94.8545, 0.2976,
0.3269

 25.9350, 0.2895,
0.3256


122.0762, 0.2988,
0.3271

 16.7750, 0.2859,
0.3250


154.0635, 0.2998,
0.3272

 10.0742, 0.2811,
0.3242

191.2008, 0.3007,
0.3274

 5.4482, 0.2740,
0.3229

233.8724, 0.3015,
0.3275

 2.5125, 0.2630,
0.3206

282.4626, 0.3022,

 0.8829, 0.2402,

0.3276

0.3175

337.3561, 0.3028,
0.3277

0.0000, 0.0000,
0.0000

53.1700, 0.2944,
0.3264

53.1700, 0.2944,
0.3264

50.2847, 0.2799,
0.3240

56.4075, 0.3095,
0.3286

47.7300, 0.2665,
0.3215

60.0044, 0.3251,
0.3306

45.4923, 0.2542,
0.3189

63.9760, 0.3408,
0.3323

43.5544, 0.2436,
0.3161

68.3348, 0.3563,
0.3339

41.8973, 0.2346,
0.3133

69.2006, 0.3563,
0.3356

■ 40.4999, 0.2276,
0.3104

■ 70.0028, 0.3559,
0.3373

■ 39.3380, 0.2224,
0.3075

■ 70.8135, 0.3556,
0.3390

■ 38.3825, 0.2191,
0.3047

■ 71.6327, 0.3552,
0.3407

■ 37.7284, 0.2174,
0.3025

■ 72.4605, 0.3548,
0.3424

Harmonies

Analogous

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



53.1700, 0.3012, 0.3360



53.1700, 0.2944, 0.3264



53.1700, 0.2925, 0.3177

Triad

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



53.1700, 0.2944, 0.3264



53.1700, 0.3141, 0.3149



53.1700, 0.3297, 0.3458

Complementary

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



53.1700, 0.2944, 0.3264



46.6923, 0.3339, 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.



53.1700, 0.3334, 0.3398



53.1700, 0.2944, 0.3264



53.1700, 0.3243, 0.3221

Square

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



53.1700, 0.2944, 0.3264



53.1700, 0.3037, 0.3113



53.1700, 0.3314, 0.3312



53.1700, 0.3215, 0.3473

Rectangle

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



53.1700, 0.2944, 0.3264



53.1700, 0.2942, 0.3137



53.1700, 0.3314, 0.3312



53.1700, 0.3316, 0.3442

Sweetspot

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



53.1722, 0.2944, 0.3264



97.5734, 0.3065, 0.3282



53.1406, 0.3098, 0.3576



20.7895, 0.3053, 0.3280



0.0000, 0.0000, 0.0000



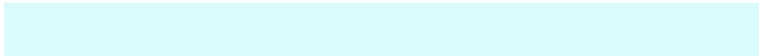
21.4041, 0.3127, 0.3290

Same Dimension

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



53.1722, 0.2944, 0.3264



91.9564, 0.2912, 0.3259



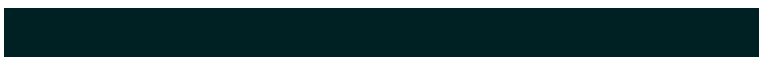
47.9429, 0.2941, 0.3109



11.9099, 0.2984, 0.3270



24.3211, 0.2175, 0.3029



1.1975, 0.2191, 0.3087

Inverse Universe

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



46.8408, 0.3157, 0.3020



79.1089, 0.3163, 0.2971



51.6386, 0.3320, 0.3464



10.8007, 0.3150, 0.3081



9.9952, 0.3429, 0.1663



0.4779, 0.3378, 0.1635

Previews

White Background



This preview shows how the Yxy color 53.1700, 0.2944, 0.3264 looks on a white background.

Color Contrast Check

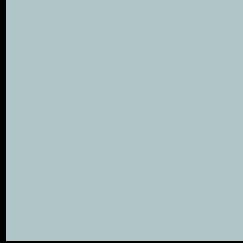
Large Text (above 18pt) WCAG AA × Fail

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 53.1700, 0.2944, 0.3264 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

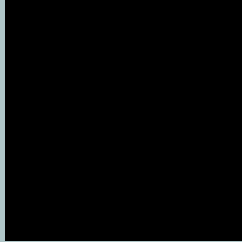
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

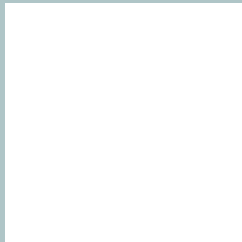
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.1700, 0.2944, 0.3264

Background



This preview shows how black text looks on a background with the Yxy color 53.1700, 0.2944, 0.3264.

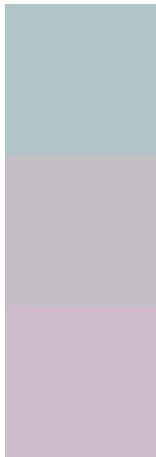


This preview shows how white text looks on a background with the Yxy color 53.1700, 0.2944, 0.3264.

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

53.1700, 0.2944, 0.3264

Protanopia

52.8492, 0.3122, 0.3229

Deuteranopia

53.0231, 0.3185, 0.3124



Tritanopia

53.0805, 0.2876, 0.3090

Trichromacy



Original Color

53.1700, 0.2944, 0.3264

Protanomaly

52.8625, 0.3058, 0.3240

Deuteranomaly

53.0338, 0.3092, 0.3180

Tritanomaly

53.2150, 0.2897, 0.3152

Monochromacy



Original Color

53.1700, 0.2944, 0.3264

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

52.3493, 0.3056, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.1700, 0.2944, 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(175, 197, 199)` looks like.

```
.text, #text, p{  
    color:rgb(175, 197, 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(175, 197, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 197, 199) }
```

Border

The CSS property to change the border of an element to Yxy 53.1700, 0.2944, 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(175, 197, 199) }
```

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

```
.border{ border-color:rgb(175, 197, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 197, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 197, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 197, 199);  
box-shadow:4px 4px 4px 4px rgb(175, 197,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 53.1700, 0.2944, 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(175, 197, 199) }
```

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

```
.background{ background-color: rgb(175,  
197, 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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