

Converting Colors

$Y_{xy}(53.6875, 0.2912, 0.3291)$

Have a look what the booklet for
Yxy(53.6875, 0.2912, 0.3291)
contains.

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Color

Yxy(53.6283, 0.2915, 0.3289)

Conversions

Conversions Part 1

Format	Color
Hex	ABC7C7
RGB	171, 199, 199
RGB Percent	67%, 78%, 78%
CMY	0.3294, 0.2196, 0.2195
CMYK	0.14, 0.00, 0.00, 0.22
HSL	180°, 20%, 73%
HSV	180°, 14%, 78%
XYZ	47.5301, 53.6283, 61.8951
YIQ	190.6280, -16.6880, -5.9360

Conversions

Conversions Part 2

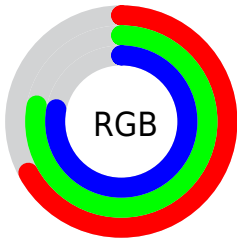
Format	Color
R _Y B	171, 185, 199
Decimal	11257799
CIE Lab	78.24, -9.36, -3.19
CIE LCh	78, 9.885, 198.805
Yxy	53.6283, 0.2915, 0.3289
Android (android.graphics.Color)	4289447879 (0xFFABC7C7)
YUV	190.6280, 4.1274, -17.2138
Hunter-Lab	73.2313, -12.3012, 1.1501

Details

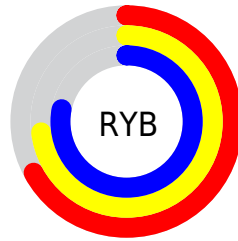
The Yxy color **53.6283, 0.2915, 0.3289** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **44.2253, 0.3385, 0.3291**, and the grayscale version is **51.8592, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.0709, 0.2958, 0.3290**, and **26.1467, 0.2857, 0.3289** is the 20% darker color. If you saturate the color by 10%, you get **51.5521, 0.2776, 0.3288**, and if you desaturate by 10%, it is **56.0455, 0.3064, 0.3290**.

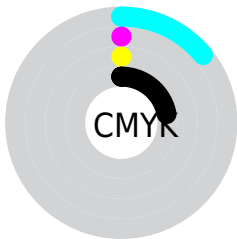
Distribution



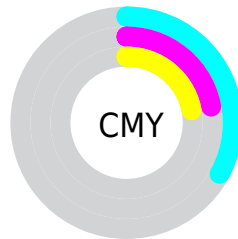
- Red (67%)
- Green (78%)
- Blue (78%)



- Red (67%)
- Yellow (73%)
- Blue (78%)



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





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

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.6283, 0.2915, 0.3289 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 53.6283, 0.2915, 0.3289 by changing the saturation by 10% instead.


 53.6283, 0.2915,
0.3289

 53.6283, 0.2915,
0.3289

400.6910, 0.3018,
0.3290

 38.3046, 0.2890,
0.3288


 95.5283, 0.2952,
0.3290

 26.2192, 0.2859,
0.3288


122.8733, 0.2966,
0.3290

 16.9877, 0.2818,
0.3286


154.9942, 0.2978,
0.3290

 10.2257, 0.2762,
0.3284

192.2754, 0.2988,
0.3290

 5.5489, 0.2681,
0.3280

235.1013, 0.2997,
0.3290

 2.5728, 0.2556,
0.3273

283.8563, 0.3005,

 0.9130, 0.2290,

0.3290

0.3271

338.9247, 0.3012,
0.3290

0.0000, 0.0000,
0.0000

53.6283, 0.2915,
0.3289

53.6283, 0.2915,
0.3289

51.5521, 0.2776,
0.3288

56.0455, 0.3064,
0.3290

49.7952, 0.2649,
0.3288

58.8110, 0.3220,
0.3290

48.3438, 0.2537,
0.3287

61.9404, 0.3380,
0.3291

47.1802, 0.2443,
0.3286

65.4461, 0.3541,
0.3292

46.2852, 0.2367,
0.3286

66.2768, 0.3576,
0.3292

■ 45.6372, 0.2311,
0.3285

■ 66.2857, 0.3576,
0.3292

■ 45.2110, 0.2274,
0.3285

■ 66.2947, 0.3576,
0.3292

■ 44.9766, 0.2253,
0.3285

■ 66.3037, 0.3576,
0.3293

■ 44.8947, 0.2246,
0.3284

■ 66.3127, 0.3576,
0.3293

Harmonies

Analogous

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



53.6283, 0.3012, 0.3407



53.6283, 0.2915, 0.3289



53.6283, 0.2874, 0.3174

Triad

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



53.6283, 0.2915, 0.3289



53.6283, 0.3109, 0.3097



53.6283, 0.3360, 0.3485

Complementary

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



53.6283, 0.2915, 0.3289



44.2253, 0.3385, 0.3291

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.



53.6283, 0.3387, 0.3398



53.6283, 0.2915, 0.3289



53.6283, 0.3241, 0.3177

Square

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



53.6283, 0.2915, 0.3289



53.6283, 0.2984, 0.3067



53.6283, 0.3344, 0.3285



53.6283, 0.3269, 0.3522

Rectangle

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



53.6283, 0.2915, 0.3289



53.6283, 0.2883, 0.3115



53.6283, 0.3344, 0.3285



53.6283, 0.3377, 0.3461

Sweetspot

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



53.6305, 0.2915, 0.3289



98.1101, 0.3065, 0.3290



52.4589, 0.3110, 0.3660



20.9260, 0.3053, 0.3290



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.



53.6305, 0.2915, 0.3289



92.6580, 0.2870, 0.3289



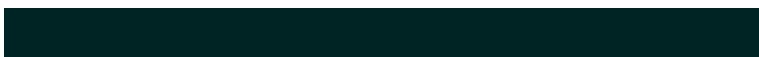
47.4887, 0.2909, 0.3107



12.0657, 0.2984, 0.3289



28.8601, 0.2246, 0.3284



1.3671, 0.2246, 0.3285

Inverse Universe

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



45.3979, 0.3144, 0.2946



75.3894, 0.3147, 0.2868



49.7917, 0.3360, 0.3466



10.8165, 0.3138, 0.3063



10.4534, 0.3212, 0.1543



0.4950, 0.3211, 0.1543

Previews

White Background



This preview shows how the Yxy color 53.6283, 0.2915, 0.3289 looks on a white background.

Color Contrast Check

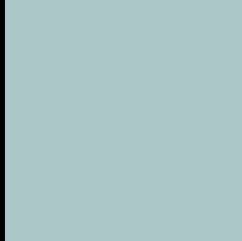
Large Text (above 18pt) WCAG AA × Fail

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 53.6283, 0.2915, 0.3289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

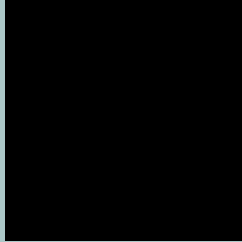
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

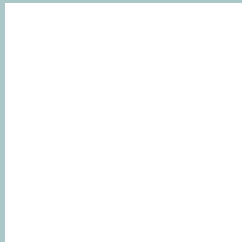
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.6283, 0.2915, 0.3289

Background



This preview shows how black text looks on a background with the Yxy color 53.6283, 0.2915, 0.3289.

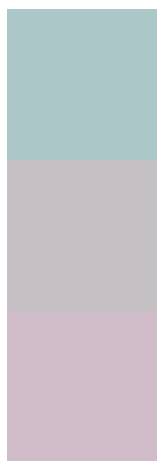


This preview shows how white text looks on a background with the Yxy color 53.6283, 0.2915, 0.3289.

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

53.6283, 0.2915, 0.3289

Protanopia

53.3752, 0.3137, 0.3253

Deuteranopia

53.1676, 0.3193, 0.3125



Tritanopia

53.6208, 0.2836, 0.3090

Trichromacy



Original Color

53.6283, 0.2915, 0.3289

Protanomaly

53.5805, 0.3057, 0.3277

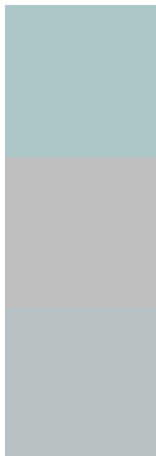
Deuteranomaly

53.0338, 0.3092, 0.3180

Tritanomaly

53.7129, 0.2862, 0.3164

Monochromacy



Original Color

53.6283, 0.2915, 0.3289

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

52.6690, 0.3048, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.6283, 0.2915, 0.3289 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, 199, 199)` looks like.

```
.text, #text, p{  
    color:rgb(171, 199, 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, 199, 199) colored shadow looks like.

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

Border

The CSS property to change the border of an element to Yxy 53.6283, 0.2915, 0.3289 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, 199, 199) }
```

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

```
.border{ border-color:rgb(171, 199, 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, 199, 199)` colored shadow looks like.

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


Background

The CSS property to change the background color of an element to Yxy 53.6283, 0.2915, 0.3289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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