

Converting Colors

$Yxy(53.2203, 0.2782, 0.3141)$

Have a look what the booklet for
Yxy(53.2203, 0.2782, 0.3141)
contains.

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Color

Yxy(53.2865, 0.2787, 0.3149)

Conversions

Conversions Part 1

Format	Color
Hex	A3C7D2
RGB	163, 199, 210
RGB Percent	64%, 78%, 82%
CMY	0.3608, 0.2196, 0.1765
CMYK	0.22, 0.05, 0.00, 0.18
HSL	194°, 34%, 73%
HSV	194°, 22%, 82%
XYZ	47.1608, 53.2865, 68.7699
YIQ	189.4900, -24.9870, -4.2110

Conversions

Conversions Part 2

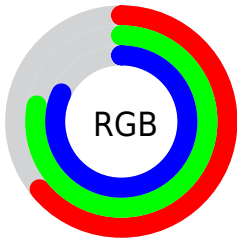
Format	Color
RYB	163, 183, 210
Decimal	10733522
CIELab	78.04, -9.52, -9.45
CIELCh	78, 13.418, 224.786
Yxy	53.2865, 0.2787, 0.3149
Android (android.graphics.Color)	4288923602 (0xFFA3C7D2)
YUV	189.4900, 10.1114, -23.2317
Hunter-Lab	72.9976, -12.4241, -4.7578

Details

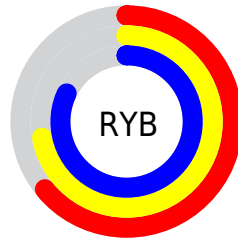
The Yxy color **53.2865, 0.2787, 0.3149** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **46.6184, 0.3552, 0.3427**, and the grayscale version is **51.1374, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.8001, 0.2911, 0.3289**, and **25.9661, 0.2692, 0.3099** is the 20% darker color. If you saturate the color by 10%, you get **49.0282, 0.2642, 0.3077**, and if you desaturate by 10%, it is **57.9903, 0.2938, 0.3216**.

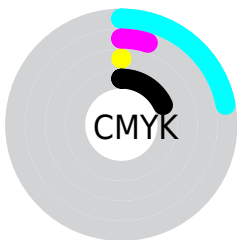
Distribution



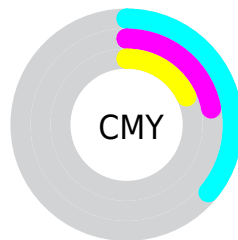
- Red (64%)
- Green (78%)
- Blue (82%)



- Red (64%)
- Yellow (72%)
- Blue (82%)



- Cyan (22%)
- Magenta (5%)
- Yellow (0%)
- Black (18%)



- Cyan (36%)
- Magenta (22%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.2865, 0.2787, 0.3149 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 53.2865, 0.2787, 0.3149 by changing the saturation by 10% instead.

■ 53.2865, 0.2787,
0.3149

■ 53.2865, 0.2787,
0.3149

■ 399.3833, 0.2951,
0.3220

■ 38.0315, 0.2748,
0.3131

■ 95.0258, 0.2846,
0.3175

■ 26.0072, 0.2698,
0.3109

■ 122.2790, 0.2868,
0.3184

■ 16.8290, 0.2633,
0.3078

■ 154.3003, 0.2887,
0.3193

■ 10.1126, 0.2546,
0.3036

■ 191.4742, 0.2903,
0.3200

■ 5.4737, 0.2422,
0.2974

■ 234.1850, 0.2918,
0.3206

■ 2.5278, 0.2232,
0.2873

■ 282.8172, 0.2930,

■ 0.8905, 0.1860,

0.3211

0.2698

337.7552, 0.2942,
0.3216

0.0000, 0.0000,
0.0000

53.2865, 0.2787,
0.3149

53.2865, 0.2787,
0.3149

49.0282, 0.2642,
0.3077

57.9903, 0.2938,
0.3216

45.1899, 0.2506,
0.3000

63.1505, 0.3091,
0.3276

41.7535, 0.2382,
0.2918

68.7859, 0.3244,
0.3331

38.6965, 0.2274,
0.2834

74.9120, 0.3395,
0.3380

35.9942, 0.2183,
0.2748

78.9931, 0.3446,
0.3428

■ 33.6179, 0.2112,
0.2661

■ 81.6656, 0.3438,
0.3477

■ 31.5334, 0.2060,
0.2574

■ 84.4151, 0.3429,
0.3525

■ 30.0958, 0.2030,
0.2509

■ 87.2421, 0.3421,
0.3573

■ 90.1471, 0.3413,
0.3620

Harmonies

Analogous

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



53.2865, 0.2853, 0.3310



53.2865, 0.2787, 0.3149



53.2865, 0.2808, 0.3033

Triad

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



53.2865, 0.2787, 0.3149



53.2865, 0.3258, 0.3119



53.2865, 0.3340, 0.3604

Complementary

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



53.2865, 0.2787, 0.3149



46.6184, 0.3552, 0.3427

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.



53.2865, 0.3454, 0.3541



53.2865, 0.2787, 0.3149



53.2865, 0.3407, 0.3262

Square

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



53.2865, 0.2787, 0.3149



53.2865, 0.3076, 0.3021



53.2865, 0.3480, 0.3415



53.2865, 0.3170, 0.3580

Rectangle

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



53.2865, 0.2787, 0.3149



53.2865, 0.2870, 0.2995



53.2865, 0.3480, 0.3415



53.2865, 0.3386, 0.3592

Sweetspot

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



53.2887, 0.2787, 0.3149



94.1346, 0.3019, 0.3249



56.9340, 0.3026, 0.3762



20.0441, 0.3009, 0.3245



0.0000, 0.0000, 0.0000



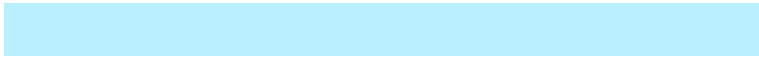
21.4041, 0.3127, 0.3290

Same Dimension

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



53.2887, 0.2787, 0.3149



79.3474, 0.2715, 0.3114



43.3100, 0.2764, 0.2838



12.9186, 0.2983, 0.3234



18.5188, 0.2034, 0.2522



1.1520, 0.2078, 0.2679

Inverse Universe

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



44.0218, 0.3248, 0.2860



62.6666, 0.3280, 0.2763



56.4906, 0.3493, 0.3704



11.9598, 0.3173, 0.3114



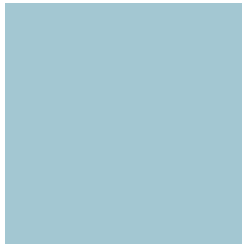
9.9408, 0.3901, 0.1922



0.5676, 0.3748, 0.1838

Previews

White Background



This preview shows how the Yxy color 53.2865, 0.2787, 0.3149 looks on a white background.

Color Contrast Check

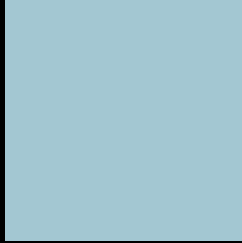
Large Text (above 18pt) WCAG AA × Fail

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 53.2865, 0.2787, 0.3149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

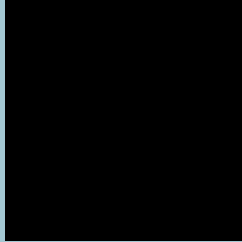
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

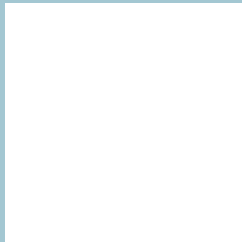
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.2865, 0.2787, 0.3149

Background



This preview shows how black text looks on a background with the Yxy color 53.2865, 0.2787, 0.3149.

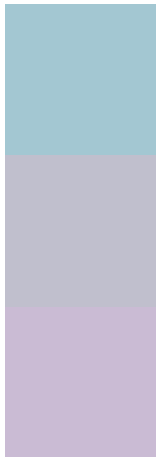


This preview shows how white text looks on a background with the Yxy color 53.2865, 0.2787, 0.3149.

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

53.2865, 0.2787, 0.3149

Protanopia

52.8758, 0.3031, 0.3119

Deuteranopia

52.8507, 0.3060, 0.2994



Tritanopia

53.1357, 0.2768, 0.3087

Trichromacy



Original Color

53.2865, 0.2787, 0.3149

Protanomaly

52.9123, 0.2933, 0.3128

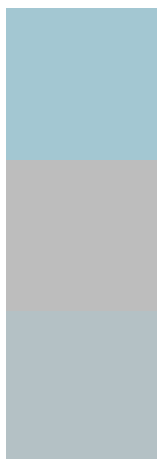
Deuteranomaly

52.6561, 0.2957, 0.3046

Tritanomaly

53.0848, 0.2774, 0.3099

Monochromacy



Original Color

53.2865, 0.2787, 0.3149

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

51.8744, 0.2995, 0.3239

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.2865, 0.2787, 0.3149 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(163, 199, 210)` looks like.

```
.text, #text, p{  
    color:rgb(163, 199, 210)  
}
```

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(163, 199, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 199, 210) }
```

Border

The CSS property to change the border of an element to Yxy 53.2865, 0.2787, 0.3149 is called "border". The border property can be set on classes, ids or directly on the HTML element.

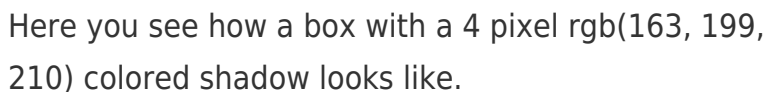
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(163, 199, 210) }
```

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

```
.border{ border-color:rgb(163, 199, 210) }
```

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



Here you see how a box with a 4 pixel `rgb(163, 199, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(163, 199, 210); -webkit-box-shadow:4px 4px 4px 4px rgb(163, 199, 210); box-shadow:4px 4px 4px 4px rgb(163, 199, 210) }
```


Background

The CSS property to change the background color of an element to Yxy 53.2865, 0.2787, 0.3149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 199, 210) }
```

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

```
.background{ background-color: rgb(163,  
199, 210) }
```

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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