

Converting Colors

$Yxy(53.6212, 0.2848, 0.3224)$

Have a look what the booklet for
Yxy(53.6212, 0.2848, 0.3224)
contains.

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Color

Yxy(53.4701, 0.2847, 0.3213)

Conversions

Conversions Part 1

Format	Color
Hex	A7C7CD
RGB	167, 199, 205
RGB Percent	65%, 78%, 80%
CMY	0.3450, 0.2196, 0.1962
CMYK	0.19, 0.03, 0.00, 0.20
HSL	189°, 28%, 73%
HSV	189°, 19%, 80%
XYZ	47.3792, 53.4701, 65.5687
YIQ	190.1160, -20.9980, -4.9180

Conversions

Conversions Part 2

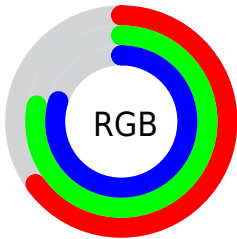
Format	Color
R _Y B	167, 184, 205
Decimal	10995661
CIE Lab	78.15, -9.38, -6.56
CIE LCh	78, 11.446, 214.978
Yxy	53.4701, 0.2847, 0.3213
Android (android.graphics.Color)	4289185741 (0xFFA7C7CD)
YUV	190.1160, 7.3378, -20.2727
Hunter-Lab	73.1233, -12.3091, -1.9783

Details

The Yxy color **53.4701, 0.2847, 0.3213** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **45.6513, 0.3472, 0.3366**, and the grayscale version is **51.5307, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.4280, 0.2935, 0.3289**, and **26.0626, 0.2768, 0.3185** is the 20% darker color. If you saturate the color by 10%, you get **49.9440, 0.2704, 0.3166**, and if you desaturate by 10%, it is **57.3859, 0.2997, 0.3256**.

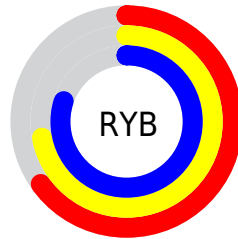
Distribution



Red (65%)

Green (78%)

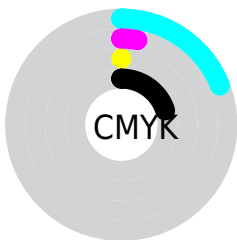
Blue (80%)



Red (65%)

Yellow (72%)

Blue (80%)

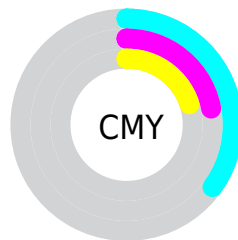


Cyan (19%)

Magenta (3%)

Yellow (0%)

Black (20%)



Cyan (35%)

Magenta (22%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.4701, 0.2847, 0.3213 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 53.4701, 0.2847, 0.3213 by changing the saturation by 10% instead.

■ 53.4701, 0.2847,
0.3213

■ 53.4701, 0.2847,
0.3213

■ 400.0861, 0.2983,
0.3252

■ 38.1782, 0.2814,
0.3203

■ 95.2958, 0.2895,
0.3227

■ 26.1210, 0.2773,
0.3190

■ 122.5983, 0.2914,
0.3233

■ 16.9142, 0.2720,
0.3173

■ 154.6731, 0.2930,
0.3237

■ 10.1733, 0.2647,
0.3149

■ 191.9047, 0.2943,
0.3241

■ 5.5140, 0.2543,
0.3113

■ 234.6774, 0.2955,
0.3244

■ 2.5519, 0.2382,
0.3053

■ 283.3756, 0.2965,

■ 0.9025, 0.2058,

0.3247

0.2954

338.3837, 0.2975,
0.3250

0.0000, 0.0000,
0.0000

53.4701, 0.2847,
0.3213

53.4701, 0.2847,
0.3213

49.9440, 0.2704,
0.3166

57.3859, 0.2997,
0.3256

46.7843, 0.2571,
0.3116

61.7007, 0.3150,
0.3296

43.9749, 0.2450,
0.3064

66.4312, 0.3304,
0.3331

41.4962, 0.2346,
0.3009

71.5917, 0.3458,
0.3363

39.3259, 0.2258,
0.2954

74.3398, 0.3498,
0.3395

■ 37.4393, 0.2190,
0.2897

■ 76.0013, 0.3491,
0.3427

■ 35.8071, 0.2141,
0.2841

■ 77.6954, 0.3485,
0.3460

■ 34.3836, 0.2109,
0.2786

■ 79.4223, 0.3479,
0.3492

■ 34.1812, 0.2105,
0.2778

■ 81.1822, 0.3473,
0.3524

Harmonies

Analogous

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



53.4701, 0.2927, 0.3354



53.4701, 0.2847, 0.3213



53.4701, 0.2840, 0.3098

Triad

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



53.4701, 0.2847, 0.3213



53.4701, 0.3189, 0.3111



53.4701, 0.3347, 0.3548

Complementary

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



53.4701, 0.2847, 0.3213



45.6513, 0.3472, 0.3366

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.



53.4701, 0.3422, 0.3475



53.4701, 0.2847, 0.3213



53.4701, 0.3330, 0.3224

Square

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



53.4701, 0.2847, 0.3213



53.4701, 0.3035, 0.3043



53.4701, 0.3416, 0.3356



53.4701, 0.3214, 0.3551

Rectangle

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



53.4701, 0.2847, 0.3213



53.4701, 0.2878, 0.3050



53.4701, 0.3416, 0.3356



53.4701, 0.3380, 0.3530

Sweetspot

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



53.4723, 0.2847, 0.3213



95.6853, 0.3034, 0.3266



54.8768, 0.3065, 0.3714



20.3832, 0.3024, 0.3264



0.0000, 0.0000, 0.0000



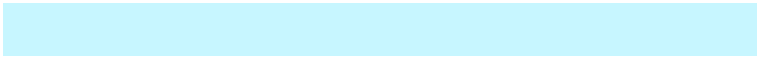
21.4041, 0.3127, 0.3290

Same Dimension

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



53.4723, 0.2847, 0.3213



85.3614, 0.2792, 0.3196



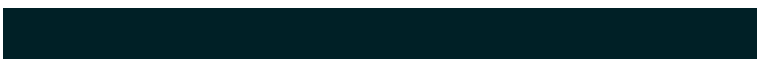
45.3889, 0.2834, 0.2968



12.4144, 0.2983, 0.3253



21.3984, 0.2107, 0.2786



1.1869, 0.2137, 0.2894

Inverse Universe

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



44.7429, 0.3199, 0.2903



68.7249, 0.3216, 0.2823



53.3317, 0.3431, 0.3593



11.3722, 0.3161, 0.3097



9.9632, 0.3648, 0.1783



0.5224, 0.3549, 0.1729

Previews

White Background



This preview shows how the Yxy color 53.4701, 0.2847, 0.3213 looks on a white background.

Color Contrast Check

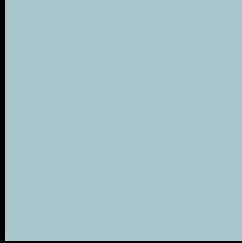
Large Text (above 18pt) WCAG AA × Fail

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 53.4701, 0.2847, 0.3213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

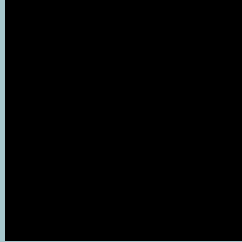
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

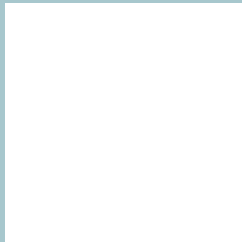
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.4701, 0.2847, 0.3213

Background



This preview shows how black text looks on a background with the Yxy color 53.4701, 0.2847, 0.3213.



This preview shows how white text looks on a background with the Yxy color 53.4701, 0.2847, 0.3213.

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

53.4701, 0.2847, 0.3213

Protanopia

53.3857, 0.3076, 0.3180

Deuteranopia

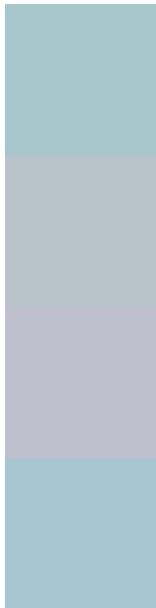
53.0248, 0.3122, 0.3054



Tritanopia

53.6273, 0.2808, 0.3101

Trichromacy



Original Color

53.4701, 0.2847, 0.3213

Protanomaly

53.4848, 0.2991, 0.3203

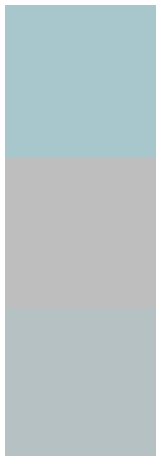
Deuteranomaly

52.7942, 0.3016, 0.3107

Tritanomaly

53.3661, 0.2821, 0.3138

Monochromacy



Original Color

53.4701, 0.2847, 0.3213

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

52.0251, 0.3025, 0.3264

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.4701, 0.2847, 0.3213 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(167, 199, 205)` looks like.

```
.text, #text, p{  
    color:rgb(167, 199, 205)  
}
```

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(167, 199, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 199, 205) }
```

Border

The CSS property to change the border of an element to Yxy 53.4701, 0.2847, 0.3213 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(167, 199, 205) }
```

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

```
.border{ border-color:rgb(167, 199, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 199, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 199, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 199, 205);  
box-shadow:4px 4px 4px 4px rgb(167, 199,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 53.4701, 0.2847, 0.3213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 199, 205) }
```

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

```
.background{ background-color: rgb(167,  
199, 205) }
```

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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