

Converting Colors

$Yxy(51.9204, 0.2825, 0.3194)$

Have a look what the booklet for
Yxy(51.9204, 0.2825, 0.3194)
contains.

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Color

Yxy(52.0787, 0.2824, 0.3199)

Conversions

Conversions Part 1

Format	Color
Hex	A3C5CC
RGB	163, 197, 204
RGB Percent	64%, 77%, 80%
CMY	0.3606, 0.2275, 0.2001
CMYK	0.20, 0.03, 0.00, 0.20
HSL	190°, 29%, 72%
HSV	190°, 20%, 80%
XYZ	45.9738, 52.0787, 64.7443
YIQ	187.6320, -22.5110, -5.0310

Conversions

Conversions Part 2

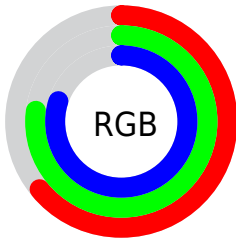
Format	Color
RYB	163, 182, 204
Decimal	10733004
CIELab	77.33, -9.79, -7.27
CIElCh	77, 12.192, 216.611
Yxy	52.0787, 0.2824, 0.3199
Android (android.graphics.Color)	4288923084 (0xFFA3C5CC)
YUV	187.6320, 8.0694, -21.6023
Hunter-Lab	72.1656, -12.5745, -2.6769

Details

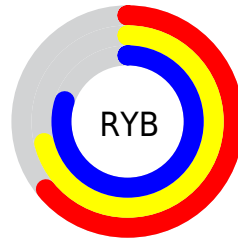
The Yxy color **52.0787, 0.2824, 0.3199** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **44.2406, 0.3505, 0.3379**, and the grayscale version is **50.0374, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.0090, 0.2905, 0.3279**, and **25.1619, 0.2737, 0.3166** is the 20% darker color. If you saturate the color by 10%, you get **48.5352, 0.2682, 0.3148**, and if you desaturate by 10%, it is **56.0102, 0.2973, 0.3246**.

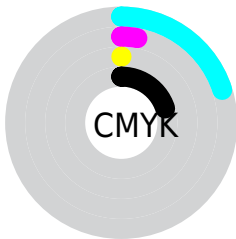
Distribution



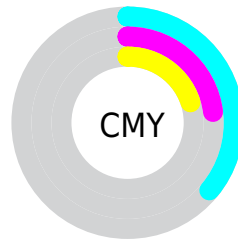
- Red (64%)
- Green (77%)
- Blue (80%)



- Red (64%)
- Yellow (71%)
- Blue (80%)



- Cyan (20%)
- Magenta (3%)
- Yellow (0%)
- Black (20%)



- Cyan (36%)
- Magenta (23%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.0787, 0.2824, 0.3199 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 52.0787, 0.2824, 0.3199 by changing the saturation by 10% instead.

■ 52.0787, 0.2824,
0.3199

■ 52.0787, 0.2824,
0.3199

■ 394.7404, 0.2971,
0.3245

■ 37.0678, 0.2788,
0.3187

■ 93.2473, 0.2877,
0.3216

■ 25.2600, 0.2743,
0.3172

■ 120.1738, 0.2897,
0.3222

■ 16.2709, 0.2685,
0.3152

■ 151.8409, 0.2914,
0.3228

■ 9.7160, 0.2605,
0.3123

■ 188.6331, 0.2928,
0.3232

■ 5.2111, 0.2490,
0.3079

■ 230.9348, 0.2941,
0.3236

■ 2.3716, 0.2313,
0.3007

■ 279.1303, 0.2953,

■ 0.8112, 0.1900,

0.3240

0.2896

333.6040, 0.2963,
0.3243

0.0000, 0.0000,
0.0000

52.0787, 0.2824,
0.3199

52.0787, 0.2824,
0.3199

48.5352, 0.2682,
0.3148

56.0102, 0.2973,
0.3246

45.3566, 0.2549,
0.3093

60.3392, 0.3126,
0.3290

42.5267, 0.2429,
0.3036

65.0825, 0.3280,
0.3329

40.0256, 0.2326,
0.2976

70.2542, 0.3433,
0.3364

37.8312, 0.2239,
0.2915

73.9148, 0.3506,
0.3397

■ 35.9181, 0.2172,
0.2854

■ 75.6999, 0.3500,
0.3433

■ 34.2565, 0.2125,
0.2792

■ 77.5228, 0.3493,
0.3467

■ 32.8004, 0.2092,
0.2732

■ 79.3840, 0.3486,
0.3502

■ 81.2834, 0.3479,
0.3536

Harmonies

Analogous

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



52.0787, 0.2905, 0.3350



52.0787, 0.2824, 0.3199



52.0787, 0.2821, 0.3078

Triad

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



52.0787, 0.2824, 0.3199



52.0787, 0.3203, 0.3104



52.0787, 0.3357, 0.3569

Complementary

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



52.0787, 0.2824, 0.3199



44.2406, 0.3505, 0.3379

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.



52.0787, 0.3442, 0.3494



52.0787, 0.2824, 0.3199



52.0787, 0.3352, 0.3226

Square

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



52.0787, 0.2824, 0.3199



52.0787, 0.3037, 0.3028



52.0787, 0.3440, 0.3368



52.0787, 0.3212, 0.3569

Rectangle

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



52.0787, 0.2824, 0.3199



52.0787, 0.2864, 0.3030



52.0787, 0.3440, 0.3368



52.0787, 0.3394, 0.3552

Sweetspot

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



52.0808, 0.2824, 0.3199



95.5584, 0.3034, 0.3264



53.8657, 0.3055, 0.3744



20.3532, 0.3024, 0.3261



0.0000, 0.0000, 0.0000



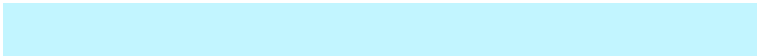
21.4041, 0.3127, 0.3290

Same Dimension

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



52.0808, 0.2824, 0.3199



83.7001, 0.2763, 0.3178



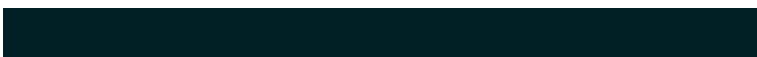
43.4712, 0.2807, 0.2928



12.3885, 0.2983, 0.3249



20.7685, 0.2095, 0.2741



1.1597, 0.2128, 0.2859

Inverse Universe

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



43.0752, 0.3211, 0.2876



66.3202, 0.3231, 0.2787



52.4533, 0.3457, 0.3627



11.3696, 0.3163, 0.3100



9.8996, 0.3690, 0.1806



0.5196, 0.3580, 0.1746

Previews

White Background



This preview shows how the Yxy color 52.0787, 0.2824, 0.3199 looks on a white background.

Color Contrast Check

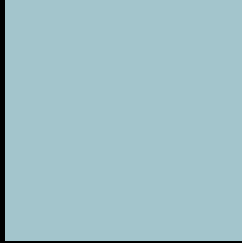
Large Text (above 18pt) WCAG AA × Fail

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 52.0787, 0.2824, 0.3199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

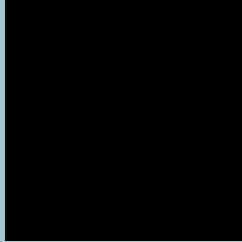
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

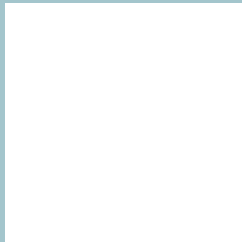
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.0787, 0.2824, 0.3199

Background



This preview shows how black text looks on a background with the Yxy color 52.0787, 0.2824, 0.3199.



This preview shows how white text looks on a background with the Yxy color 52.0787, 0.2824, 0.3199.

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

52.0787, 0.2824, 0.3199

Protanopia

51.5951, 0.3068, 0.3166

Deuteranopia

51.7107, 0.3106, 0.3039



Tritanopia

52.1823, 0.2792, 0.3098

Trichromacy



Original Color

52.0787, 0.2824, 0.3199

Protanomaly

51.7401, 0.2974, 0.3177

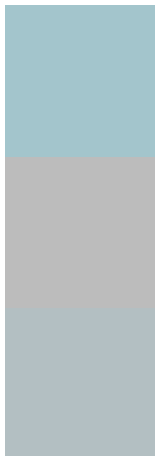
Deuteranomaly

51.4943, 0.3000, 0.3092

Tritanomaly

51.9264, 0.2804, 0.3135

Monochromacy



Original Color

52.0787, 0.2824, 0.3199

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

50.7404, 0.3009, 0.3251

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.0787, 0.2824, 0.3199 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, 197, 204)` looks like.

```
.text, #text, p{  
    color:rgb(163, 197, 204)  
}
```

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, 197, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 197, 204) }
```

Border

The CSS property to change the border of an element to Yxy 52.0787, 0.2824, 0.3199 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, 197, 204) }
```

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

```
.border{ border-color:rgb(163, 197, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 197, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 197, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 197, 204);  
box-shadow:4px 4px 4px 4px rgb(163, 197,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 52.0787, 0.2824, 0.3199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 197, 204) }
```

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

```
.background{ background-color: rgb(163,  
197, 204) }
```

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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