

Converting Colors

$Yxy(52.1669, 0.2790, 0.3198)$

Have a look what the booklet for
Yxy(52.1669, 0.2790, 0.3198)
contains.

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Color

Yxy(52.1669, 0.2790, 0.3198)

Conversions

Conversions Part 1

Format	Color
Hex	9FC6CD
RGB	159, 198, 205
RGB Percent	62%, 78%, 80%
CMY	0.3765, 0.2235, 0.1960
CMYK	0.22, 0.03, 0.00, 0.20
HSL	189°, 32%, 71%
HSV	189°, 22%, 80%
XYZ	45.5115, 52.1669, 65.4452
YIQ	187.1370, -25.4910, -6.0910

Conversions

Conversions Part 2

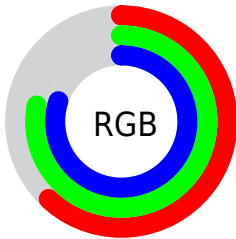
Format	Color
RYB	159, 180, 205
Decimal	10471117
CIELab	77.38, -11.33, -7.78
CIELCh	77, 13.750, 214.485
Yxy	52.1669, 0.2790, 0.3198
Android (android.graphics.Color)	4288661197 (0xFF9FC6CD)
YUV	187.1370, 8.8065, -24.6761
Hunter-Lab	72.2267, -13.9202, -3.1645

Details

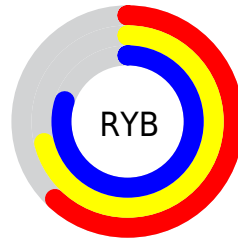
The Yxy color **52.1669, 0.2790, 0.3198** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **42.7606, 0.3563, 0.3380**, and the grayscale version is **49.7357, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.0361, 0.2883, 0.3289**, and **25.2451, 0.2696, 0.3165** is the 20% darker color. If you saturate the color by 10%, you get **48.8292, 0.2651, 0.3152**, and if you desaturate by 10%, it is **55.8860, 0.2937, 0.3241**.

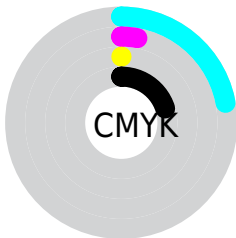
Distribution



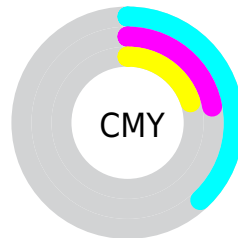
- Red (62%)
- Green (78%)
- Blue (80%)



- Red (62%)
- Yellow (71%)
- Blue (80%)



- Cyan (22%)
- Magenta (3%)
- Yellow (0%)
- Black (20%)



- Cyan (38%)
- Magenta (22%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.1669, 0.2790, 0.3198 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 52.1669, 0.2790, 0.3198 by changing the saturation by 10% instead.

■ 52.1669, 0.2790,
0.3198

■ 52.1669, 0.2790,
0.3198

■ 395.0806, 0.2954,
0.3245

■ 37.1381, 0.2751,
0.3186

■ 93.3773, 0.2848,
0.3215

■ 25.3145, 0.2701,
0.3170

■ 120.3278, 0.2871,
0.3222

■ 16.3115, 0.2636,
0.3149

■ 152.0209, 0.2890,
0.3227

■ 9.7448, 0.2548,
0.3119

■ 188.8411, 0.2906,
0.3232

■ 5.2301, 0.2422,
0.3074

■ 231.1728, 0.2920,
0.3236

■ 2.3829, 0.2227,
0.2997

■ 279.4003, 0.2933,

■ 0.8171, 0.1766,

0.3239

0.2886

333.9081, 0.2944,
0.3243

0.0000, 0.0000,
0.0000

52.1669, 0.2790,
0.3198

52.1669, 0.2790,
0.3198

48.8292, 0.2651,
0.3152

55.8860, 0.2937,
0.3241

45.8492, 0.2523,
0.3102

59.9963, 0.3089,
0.3281

43.2103, 0.2409,
0.3051

64.5150, 0.3244,
0.3317

40.8919, 0.2311,
0.2997

69.4564, 0.3398,
0.3349

38.8710, 0.2232,
0.2943

73.5808, 0.3500,
0.3379

■ 37.1211, 0.2172,
0.2889

■ 75.1755, 0.3494,
0.3411

■ 35.6105, 0.2131,
0.2835

■ 76.8007, 0.3488,
0.3442

■ 34.5873, 0.2110,
0.2794

■ 78.4566, 0.3482,
0.3473

■ 80.1434, 0.3476,
0.3504

Harmonies

Analogous

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



52.1669, 0.2887, 0.3370



52.1669, 0.2790, 0.3198



52.1669, 0.2781, 0.3058

Triad

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



52.1669, 0.2790, 0.3198



52.1669, 0.3199, 0.3073



52.1669, 0.3396, 0.3602

Complementary

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



52.1669, 0.2790, 0.3198



42.7606, 0.3563, 0.3380

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.



52.1669, 0.3486, 0.3510



52.1669, 0.2790, 0.3198



52.1669, 0.3370, 0.3207

Square

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



52.1669, 0.2790, 0.3198



52.1669, 0.3012, 0.2992



52.1669, 0.3477, 0.3365



52.1669, 0.3235, 0.3609

Rectangle

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



52.1669, 0.2790, 0.3198



52.1669, 0.2825, 0.3001



52.1669, 0.3477, 0.3365



52.1669, 0.3435, 0.3579

Sweetspot

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



52.1690, 0.2790, 0.3198



95.0456, 0.3018, 0.3263



53.7946, 0.3051, 0.3817



20.2556, 0.3009, 0.3261



0.0000, 0.0000, 0.0000



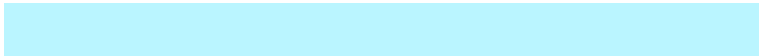
21.4041, 0.3127, 0.3290

Same Dimension

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



52.1690, 0.2790, 0.3198



82.6798, 0.2721, 0.3176



42.4770, 0.2767, 0.2890



12.4241, 0.2983, 0.3254



21.6376, 0.2112, 0.2802



1.1971, 0.2141, 0.2907

Inverse Universe

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



41.8513, 0.3215, 0.2816



63.0030, 0.3237, 0.2711



51.8434, 0.3503, 0.3660



11.3732, 0.3161, 0.3096



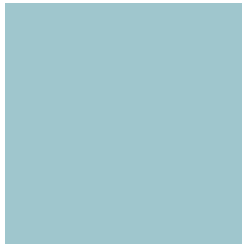
9.9873, 0.3633, 0.1775



0.5234, 0.3537, 0.1722

Previews

White Background



This preview shows how the Yxy color 52.1669, 0.2790, 0.3198 looks on a white background.

Color Contrast Check

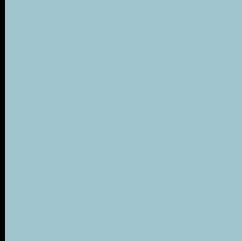
Large Text (above 18pt) WCAG AA × Fail

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 52.1669, 0.2790, 0.3198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

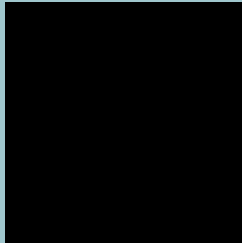
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

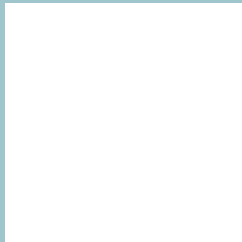
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.1669, 0.2790, 0.3198

Background



This preview shows how black text looks on a background with the Yxy color 52.1669, 0.2790, 0.3198.



This preview shows how white text looks on a background with the Yxy color 52.1669, 0.2790, 0.3198.

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

52.1669, 0.2790, 0.3198

Protanopia

52.0734, 0.3060, 0.3167

Deuteranopia

51.6695, 0.3083, 0.3015



Tritanopia

52.3137, 0.2752, 0.3085

Trichromacy



Original Color

52.1669, 0.2790, 0.3198

Protanomaly

51.9879, 0.2952, 0.3176

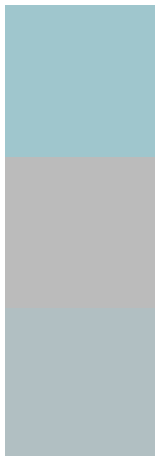
Deuteranomaly

51.7710, 0.2970, 0.3080

Tritanomaly

52.0592, 0.2764, 0.3122

Monochromacy



Original Color

52.1669, 0.2790, 0.3198

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

50.5038, 0.2993, 0.3251

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.1669, 0.2790, 0.3198 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(159, 198, 205)` looks like.

```
.text, #text, p{  
    color:rgb(159, 198, 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(159, 198, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 198, 205) }
```

Border

The CSS property to change the border of an element to Yxy 52.1669, 0.2790, 0.3198 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(159, 198, 205) }
```

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

```
.border{ border-color:rgb(159, 198, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 198, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 198, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 198, 205);  
box-shadow:4px 4px 4px 4px rgb(159, 198,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 52.1669, 0.2790, 0.3198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 198, 205) }
```

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

```
.background{ background-color: rgb(159,  
198, 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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