

Converting Colors

$Yxy(52.1744, 0.2855, 0.3340)$

Have a look what the booklet for
Yxy(52.1744, 0.2855, 0.3340)
contains.

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Color

Yxy(52.1579, 0.2856, 0.3342)

Conversions

Conversions Part 1

Format	Color
Hex	9FC7C3
RGB	159, 199, 195
RGB Percent	62%, 78%, 76%
CMY	0.3764, 0.2196, 0.2354
CMYK	0.20, 0.00, 0.02, 0.22
HSL	174°, 26%, 70%
HSV	174°, 20%, 78%
XYZ	44.5730, 52.1579, 59.3370
YIQ	186.5840, -22.5560, -9.7240

Conversions

Conversions Part 2

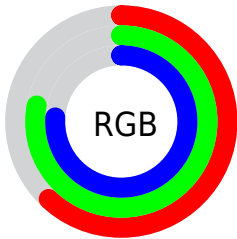
Format	Color
RYB	159, 180, 199
Decimal	10471363
CIELab	77.38, -14.02, -2.37
CIELCh	77, 14.217, 189.599
Yxy	52.1579, 0.2856, 0.3342
Android (android.graphics.Color)	4288661443 (0xFF9FC7C3)
YUV	186.5840, 4.1491, -24.1912
Hunter-Lab	72.2204, -16.2191, 1.8410

Details

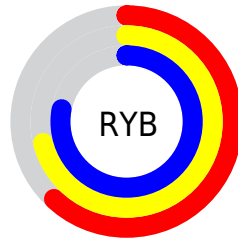
The Yxy color **52.1579, 0.2856, 0.3342** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **39.5917, 0.3483, 0.3239**, and the grayscale version is **49.4359, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.8444, 0.2899, 0.3320**, and **25.2997, 0.2789, 0.3361** is the 20% darker color. If you saturate the color by 10%, you get **50.1965, 0.2734, 0.3371**, and if you desaturate by 10%, it is **54.4524, 0.2987, 0.3315**.

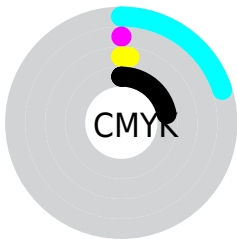
Distribution



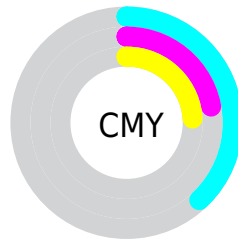
- Red (62%)
- Green (78%)
- Blue (76%)



- Red (62%)
- Yellow (71%)
- Blue (78%)



- Cyan (20%)
- Magenta (0%)
- Yellow (2%)
- Black (22%)





- Cyan (38%)
- Magenta (22%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.1579, 0.2856, 0.3342 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 52.1579, 0.2856, 0.3342 by changing the saturation by 10% instead.


 52.1579, 0.2856,
0.3342


 52.1579, 0.2856,
0.3342

395.0459, 0.2988,
0.3318

 37.1309, 0.2824,
0.3348

 93.3641, 0.2903,
0.3333

 25.3089, 0.2783,
0.3355


 120.3121, 0.2921,
0.3330

 16.3073, 0.2730,
0.3364


152.0026, 0.2937,
0.3327

 9.7419, 0.2657,
0.3376

188.8199, 0.2950,
0.3325

 5.2282, 0.2552,
0.3392

231.1485, 0.2961,
0.3323

 2.3817, 0.2387,
0.3415

279.3728, 0.2971,

 0.8165, 0.1880,

0.3321

0.3538

333.8771, 0.2980,
0.3319

0.0000, 0.0000,
0.0000

52.1579, 0.2856,
0.3342

52.1579, 0.2856,
0.3342

50.1965, 0.2734,
0.3371

54.4524, 0.2987,
0.3315

48.5460, 0.2626,
0.3402

57.0881, 0.3126,
0.3290

47.1917, 0.2532,
0.3435

60.0808, 0.3269,
0.3268

46.1150, 0.2456,
0.3469

63.4436, 0.3413,
0.3248

45.2954, 0.2398,
0.3503

66.5146, 0.3529,
0.3230

■ 44.7092, 0.2360,
0.3538

■ 66.6118, 0.3513,
0.3209

■ 44.3288, 0.2340,
0.3572

■ 66.7103, 0.3497,
0.3189

■ 44.1022, 0.2335,
0.3606

■ 66.8100, 0.3482,
0.3168

■ 66.9109, 0.3466,
0.3148

Harmonies

Analogous

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



52.1579, 0.3014, 0.3508



52.1579, 0.2856, 0.3342



52.1579, 0.2770, 0.3166

Triad

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



52.1579, 0.2856, 0.3342



52.1579, 0.3040, 0.2992



52.1579, 0.3489, 0.3538

Complementary

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



52.1579, 0.2856, 0.3342



39.5917, 0.3483, 0.3239

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.



52.1579, 0.3498, 0.3395



52.1579, 0.2856, 0.3342



52.1579, 0.3234, 0.3086

Square

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



52.1579, 0.2856, 0.3342



52.1579, 0.2874, 0.2971



52.1579, 0.3403, 0.3231



52.1579, 0.3381, 0.3620

Rectangle

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



52.1579, 0.2856, 0.3342



52.1579, 0.2764, 0.3070



52.1579, 0.3403, 0.3231



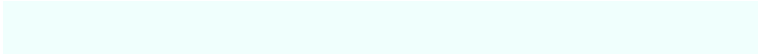
52.1579, 0.3504, 0.3495

Sweetspot

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



52.1600, 0.2856, 0.3342



97.1141, 0.3042, 0.3305



51.2106, 0.3138, 0.3832



20.7221, 0.3033, 0.3306



0.0000, 0.0000, 0.0000



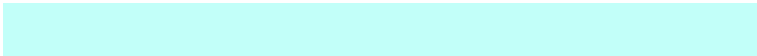
21.4041, 0.3127, 0.3290

Same Dimension

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



52.1600, 0.2856, 0.3342



89.7930, 0.2803, 0.3354



45.6432, 0.2817, 0.3085



12.0485, 0.2997, 0.3313



28.3656, 0.2334, 0.3601



1.3486, 0.2314, 0.3530

Inverse Universe

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



39.5917, 0.3483, 0.3239



63.9225, 0.3580, 0.3228



45.0527, 0.3484, 0.3487



10.6540, 0.3274, 0.3267



7.8463, 0.6271, 0.3228



0.3776, 0.5888, 0.3017

Previews

White Background



This preview shows how the Yxy color 52.1579, 0.2856, 0.3342 looks on a white background.

Color Contrast Check

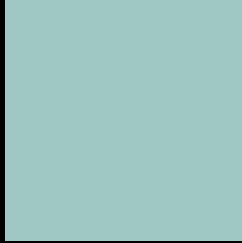
Large Text (above 18pt) WCAG AA × Fail

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 52.1579, 0.2856, 0.3342 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

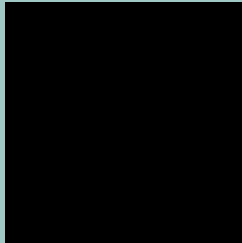
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

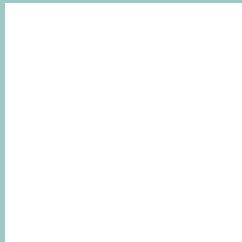
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.1579, 0.2856, 0.3342

Background



This preview shows how black text looks on a background with the Yxy color 52.1579, 0.2856, 0.3342.

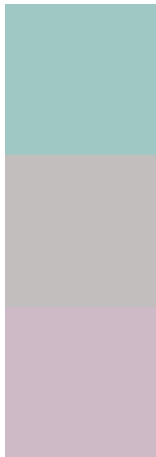


This preview shows how white text looks on a background with the Yxy color 52.1579, 0.2856, 0.3342.

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

52.1579, 0.2856, 0.3342

Protanopia

52.0140, 0.3160, 0.3290

Deuteranopia

51.8970, 0.3201, 0.3135



Tritanopia

51.9147, 0.2764, 0.3085

Trichromacy



Original Color

52.1579, 0.2856, 0.3342

Protanomaly

51.7695, 0.3039, 0.3302

Deuteranomaly

51.6769, 0.3067, 0.3203

Tritanomaly

51.9658, 0.2797, 0.3173

Monochromacy



Original Color

52.1579, 0.2856, 0.3342

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

50.3264, 0.3022, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.1579, 0.2856, 0.3342 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, 199, 195)` looks like.

```
.text, #text, p{  
    color:rgb(159, 199, 195)  
}
```

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, 199, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 199, 195) }
```

Border

The CSS property to change the border of an element to Yxy 52.1579, 0.2856, 0.3342 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, 199, 195) }
```

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

```
.border{ border-color:rgb(159, 199, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 199, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 199, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 199, 195);  
box-shadow:4px 4px 4px 4px rgb(159, 199,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 52.1579, 0.2856, 0.3342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 199, 195) }
```

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

```
.background{ background-color: rgb(159,  
199, 195) }
```

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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