

Converting Colors

$Yxy(59.5485, 0.2918, 0.3401)$

Have a look what the booklet for
Yxy(59.5485, 0.2918, 0.3401)
contains.

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Color

Yxy(59.7370, 0.2914, 0.3401)

Conversions

Conversions Part 1

Format	Color
Hex	ADD3CA
RGB	173, 211, 202
RGB Percent	68%, 83%, 79%
CMY	0.3217, 0.1725, 0.2077
CMYK	0.18, 0.00, 0.04, 0.17
HSL	166°, 30%, 75%
HSV	166°, 18%, 83%
XYZ	51.1831, 59.7370, 64.7253
YIQ	198.6120, -19.7590, -10.8550

Conversions

Conversions Part 2

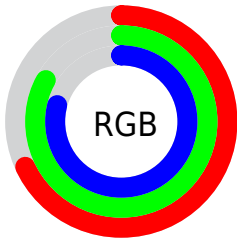
Format	Color
RYB	173, 195, 211
Decimal	11391946
CIELab	81.70, -14.31, 0.28
CIELCh	82, 14.316, 178.899
Yxy	59.7370, 0.2914, 0.3401
Android (android.graphics.Color)	4289582026 (0xFFADD3CA)
YUV	198.6120, 1.6703, -22.4617
Hunter-Lab	77.2897, -17.0501, 4.4511

Details

The Yxy color **59.7370, 0.2914, 0.3401** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **47.0954, 0.3395, 0.3182**, and the grayscale version is **56.8598, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.3980, 0.2970, 0.3290**, and **29.9081, 0.2859, 0.3424** is the 20% darker color. If you saturate the color by 10%, you get **57.2894, 0.2805, 0.3471**, and if you desaturate by 10%, it is **62.5771, 0.3030, 0.3337**.

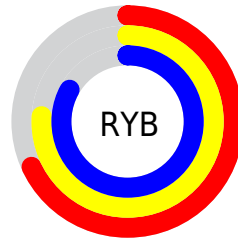
Distribution



Red (68%)

Green (83%)

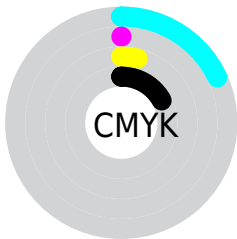
Blue (79%)



Red (68%)

Yellow (76%)

Blue (83%)

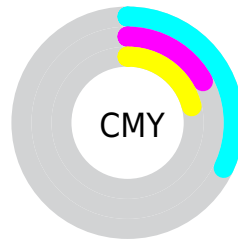


Cyan (18%)

Magenta (0%)

Yellow (4%)

Black (17%)



Cyan (32%)

Magenta (17%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.7370, 0.2914, 0.3401 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 59.7370, 0.2914, 0.3401 by changing the saturation by 10% instead.

■ 59.7370, 0.2914,
0.3401

■ 59.7370, 0.2914,
0.3401

423.6277, 0.3016,
0.3348

■ 43.2067, 0.2890,
0.3414

■ 104.4481, 0.2950,
0.3382

■ 30.0473, 0.2859,
0.3430

133.3976, 0.2964,
0.3375

■ 19.8745, 0.2820,
0.3450

167.2557, 0.2976,
0.3369

■ 12.3039, 0.2767,
0.3478

206.4066, 0.2986,
0.3363

■ 6.9510, 0.2692,
0.3517

251.2349, 0.2995,
0.3359

■ 3.4315, 0.2578,
0.3577

302.1249, 0.3003,

■ 1.3609, 0.2384,

0.3355

0.3679

359.4611, 0.3010,
0.3351

0.1876, 0.0000,
0.5034

0.0000, 0.0000,
0.0000

59.7370, 0.2914,
0.3401

59.7370, 0.2914,
0.3401

57.2894, 0.2805,
0.3471

62.5771, 0.3030,
0.3337

55.2089, 0.2707,
0.3546


65.8188, 0.3151,
0.3279


53.4788, 0.2621,
0.3626


69.4804, 0.3274,
0.3227

52.0779, 0.2552,
0.3710

73.1265, 0.3380,
0.3180

 50.9830, 0.2501,
0.3796


 73.3976, 0.3344,
0.3131


 50.1675, 0.2470,
0.3884

 73.6766, 0.3308,
0.3081

 49.6003, 0.2458,
0.3972

 73.9637, 0.3272,
0.3033

 49.2362, 0.2464,
0.4059

 74.2589, 0.3237,
0.2985

 49.1748, 0.2466,
0.4076

 74.5622, 0.3203,
0.2937

Harmonies

Analogous

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



59.7370, 0.3083, 0.3544



59.7370, 0.2914, 0.3401



59.7370, 0.2803, 0.3229

Triad

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



59.7370, 0.2914, 0.3401



59.7370, 0.2981, 0.2986



59.7370, 0.3490, 0.3485

Complementary

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



59.7370, 0.2914, 0.3401



47.0954, 0.3395, 0.3182

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.



59.7370, 0.3462, 0.3336



59.7370, 0.2914, 0.3401



59.7370, 0.3164, 0.3054

Square

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



59.7370, 0.2914, 0.3401



59.7370, 0.2841, 0.2995



59.7370, 0.3341, 0.3180



59.7370, 0.3418, 0.3589

Rectangle

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



59.7370, 0.2914, 0.3401



59.7370, 0.2776, 0.3125



59.7370, 0.3341, 0.3180



59.7370, 0.3492, 0.3438

Sweetspot

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



59.7395, 0.2914, 0.3401



97.4691, 0.3066, 0.3319



59.6126, 0.3175, 0.3768



20.7890, 0.3057, 0.3323



0.0000, 0.0000, 0.0000



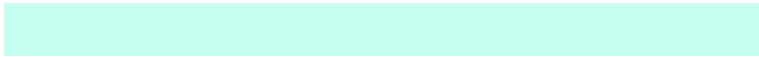
21.4041, 0.3127, 0.3290

Same Dimension

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



59.7395, 0.2914, 0.3401



90.0444, 0.2867, 0.3430



55.5888, 0.2851, 0.3171



13.3574, 0.3014, 0.3345



29.6895, 0.2462, 0.4063



1.6719, 0.2418, 0.3903

Inverse Universe

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



47.0954, 0.3395, 0.3182



66.8217, 0.3473, 0.3155



50.5145, 0.3454, 0.3406



11.8533, 0.3254, 0.3235



8.5092, 0.5957, 0.3055



0.4884, 0.5426, 0.2762

Previews

White Background



This preview shows how the Yxy color 59.7370, 0.2914, 0.3401 looks on a white background.

Color Contrast Check

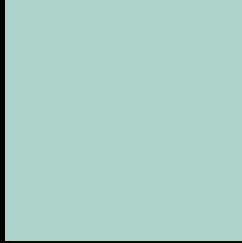
Large Text (above 18pt) WCAG AA × Fail

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 59.7370, 0.2914, 0.3401 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

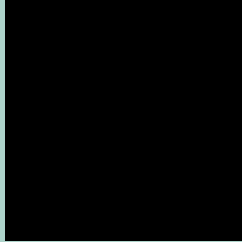
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

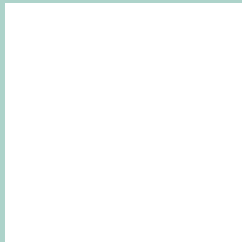
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.7370, 0.2914, 0.3401

Background



This preview shows how black text looks on a background with the Yxy color 59.7370, 0.2914, 0.3401.



This preview shows how white text looks on a background with the Yxy color 59.7370, 0.2914, 0.3401.

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

59.7370, 0.2914, 0.3401

Protanopia

59.5377, 0.3202, 0.3349

Deuteranopia

59.2598, 0.3260, 0.3189



Tritanopia

59.8407, 0.2802, 0.3097

Trichromacy



Original Color

59.7370, 0.2914, 0.3401

Protanomaly

59.3883, 0.3093, 0.3362

Deuteranomaly

58.9703, 0.3129, 0.3255

Tritanomaly

59.7889, 0.2846, 0.3204

Monochromacy



Original Color

59.7370, 0.2914, 0.3401

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

57.8292, 0.3049, 0.3326

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.7370, 0.2914, 0.3401 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(173, 211, 202)` looks like.

```
.text, #text, p{  
    color:rgb(173, 211, 202)  
}
```

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(173, 211, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 211, 202) }
```

Border

The CSS property to change the border of an element to Yxy 59.7370, 0.2914, 0.3401 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(173, 211, 202) }
```

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

```
.border{ border-color:rgb(173, 211, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 211, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 211, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 211, 202);  
box-shadow:4px 4px 4px 4px rgb(173, 211,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 59.7370, 0.2914, 0.3401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 211, 202) }
```

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

```
.background{ background-color: rgb(173,  
211, 202) }
```

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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