

Converting Colors

$Yxy(50.5711, 0.2940, 0.3561)$

Have a look what the booklet for
Yxy(50.5711, 0.2940, 0.3561)
contains.

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Color

Yxy(50.5711, 0.2940, 0.3561)

Conversions

Conversions Part 1

Format	Color
Hex	9BC6B2
RGB	155, 198, 178
RGB Percent	61%, 78%, 70%
CMY	0.3921, 0.2235, 0.3019
CMYK	0.22, 0.00, 0.10, 0.22
HSL	152°, 27%, 69%
HSV	152°, 22%, 78%
XYZ	41.7520, 50.5711, 49.6906
YIQ	182.8630, -19.2080, -15.3360

Conversions

Conversions Part 2

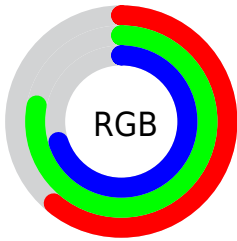
Format	Color
RYB	155, 183, 198
Decimal	10208946
CIELab	76.42, -18.27, 5.36
CIELCh	76, 19.039, 163.646
Yxy	50.5711, 0.2940, 0.3561
Android (android.graphics.Color)	4288399026 (0xFF9BC6B2)
YUV	182.8630, -2.3975, -24.4359
Hunter-Lab	71.1134, -19.6475, 8.3503

Details

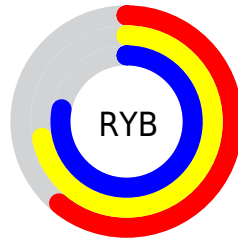
The Yxy color **50.5711, 0.2940, 0.3561** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **38.5506, 0.3365, 0.3034**, and the grayscale version is **47.3000, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.1622, 0.2972, 0.3510**, and **24.3108, 0.2891, 0.3647** is the 20% darker color. If you saturate the color by 10%, you get **48.4143, 0.2861, 0.3707**, and if you desaturate by 10%, it is **53.0781, 0.3025, 0.3428**.

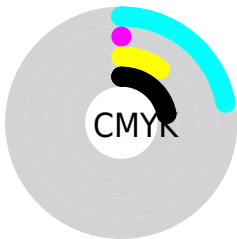
Distribution



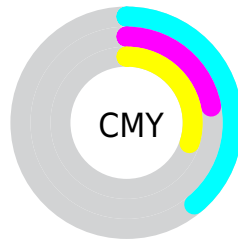
- Red (61%)
- Green (78%)
- Blue (70%)



- Red (61%)
- Yellow (72%)
- Blue (78%)



- Cyan (22%)
- Magenta (0%)
- Yellow (10%)
- Black (22%)





- Cyan (39%)
- Magenta (22%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.5711, 0.2940, 0.3561 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 50.5711, 0.2940, 0.3561 by changing the saturation by 10% instead.


 50.5711, 0.2940,
0.3561

 50.5711, 0.2940,
0.3561


388.8951, 0.3034,
0.3425

 35.8674, 0.2917,
0.3595


 91.0205, 0.2974,
0.3511

 24.3318, 0.2887,
0.3639


 117.5349, 0.2987,
0.3493

 15.5799, 0.2847,
0.3699


148.7551, 0.2998,
0.3477

 9.2274, 0.2791,
0.3782

185.0653, 0.3007,
0.3464

 4.8898, 0.2708,
0.3907

226.8500, 0.3015,
0.3452

 2.1827, 0.2570,
0.4117

274.4937, 0.3022,

 0.7106, 0.1713,

0.3442

0.5307

328.3805, 0.3028,
0.3433

0.0000, 0.0000,
0.0000

50.5711, 0.2940,
0.3561

50.5711, 0.2940,
0.3561

48.4143, 0.2861,
0.3707

53.0781, 0.3025,
0.3428

46.5854, 0.2791,
0.3865

55.9441, 0.3112,
0.3309

45.0689, 0.2732,
0.4035


59.1853, 0.3201,
0.3203

43.8458, 0.2688,
0.4212


62.8150, 0.3288,
0.3109


42.8947, 0.2662,
0.4394


66.8460, 0.3374,
0.3026

 42.1914, 0.2656,
0.4576

 67.5443, 0.3312,
0.2937

 41.7069, 0.2670,
0.4753

 68.0849, 0.3244,
0.2848

 41.4271, 0.2693,
0.4894

 68.6533, 0.3177,
0.2763

 68.8673, 0.3153,
0.2732

Harmonies

Analogous

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



50.5711, 0.3196, 0.3718



50.5711, 0.2940, 0.3561



50.5711, 0.2740, 0.3325

Triad

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



50.5711, 0.2940, 0.3561



50.5711, 0.2811, 0.2860



50.5711, 0.3637, 0.3456

Complementary

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



50.5711, 0.2940, 0.3561



38.5506, 0.3365, 0.3034

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.



50.5711, 0.3526, 0.3238



50.5711, 0.2940, 0.3561



50.5711, 0.3042, 0.2904

Square

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



50.5711, 0.2940, 0.3561



50.5711, 0.2668, 0.2924



50.5711, 0.3305, 0.3040



50.5711, 0.3604, 0.3643

Rectangle

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



50.5711, 0.2940, 0.3561



50.5711, 0.2662, 0.3163



50.5711, 0.3305, 0.3040



50.5711, 0.3616, 0.3384

Sweetspot

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



50.5732, 0.2940, 0.3561



96.2474, 0.3065, 0.3372



51.8775, 0.3259, 0.3860



20.5350, 0.3059, 0.3379



0.0000, 0.0000, 0.0000



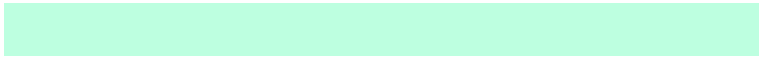
21.4041, 0.3127, 0.3290

Same Dimension

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



50.5732, 0.2940, 0.3561



87.6922, 0.2902, 0.3628



50.7833, 0.2806, 0.3270



11.9812, 0.3045, 0.3399



26.9592, 0.2687, 0.4872



1.2910, 0.2586, 0.4510

Inverse Universe

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



38.5506, 0.3365, 0.3034



62.6681, 0.3430, 0.2976



38.3026, 0.3558, 0.3310



10.7176, 0.3218, 0.3183



8.3275, 0.5087, 0.2576



0.4089, 0.4595, 0.2305

Previews

White Background



This preview shows how the Yxy color 50.5711, 0.2940, 0.3561 looks on a white background.

Color Contrast Check

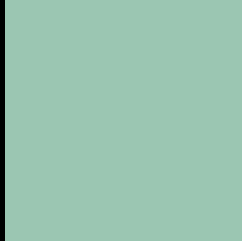
Large Text (above 18pt) WCAG AA × Fail

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 50.5711, 0.2940, 0.3561 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

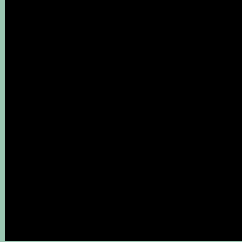
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

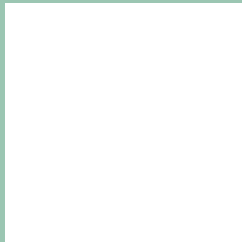
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.5711, 0.2940, 0.3561

Background



This preview shows how black text looks on a background with the Yxy color 50.5711, 0.2940, 0.3561.



This preview shows how white text looks on a background with the Yxy color 50.5711, 0.2940, 0.3561.

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

50.5711, 0.2940, 0.3561

Protanopia

50.1213, 0.3313, 0.3480

Deuteranopia

50.3474, 0.3369, 0.3303



Tritanopia

50.3204, 0.2774, 0.3083

Trichromacy



Original Color

50.5711, 0.2940, 0.3561

Protanomaly

50.0209, 0.3166, 0.3512

Deuteranomaly

50.0805, 0.3197, 0.3392

Tritanomaly

50.4784, 0.2833, 0.3250

Monochromacy



Original Color

50.5711, 0.2940, 0.3561

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

48.1869, 0.3057, 0.3382

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.5711, 0.2940, 0.3561 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(155, 198, 178)` looks like.

```
.text, #text, p{  
    color:rgb(155, 198, 178)  
}
```

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(155, 198, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 198, 178) }
```

Border

The CSS property to change the border of an element to Yxy 50.5711, 0.2940, 0.3561 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(155, 198, 178) }
```

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

```
.border{ border-color:rgb(155, 198, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 198, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 198, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 198, 178);  
box-shadow:4px 4px 4px 4px rgb(155, 198,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 50.5711, 0.2940, 0.3561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 198, 178) }
```

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

```
.background{ background-color: rgb(155,  
198, 178) }
```

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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