

Converting Colors

$Yxy(51.2312, 0.2938, 0.3503)$

Have a look what the booklet for
Yxy(51.2312, 0.2938, 0.3503)
contains.

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Color

Yxy(51.1365, 0.2942, 0.3504)

Conversions

Conversions Part 1

Format	Color
Hex	9FC6B6
RGB	159, 198, 182
RGB Percent	62%, 78%, 71%
CMY	0.3765, 0.2235, 0.2862
CMYK	0.20, 0.00, 0.08, 0.22
HSL	155°, 25%, 70%
HSV	155°, 20%, 78%
XYZ	42.9348, 51.1365, 51.8662
YIQ	184.5150, -18.1080, -13.2440

Conversions

Conversions Part 2

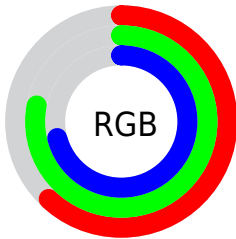
Format	Color
RYB	159, 184, 198
Decimal	10471094
CIELab	76.76, -16.19, 3.74
CIELCh	77, 16.617, 167.003
Yxy	51.1365, 0.2942, 0.3504
Android (android.graphics.Color)	4288661174 (0xFF9FC6B6)
YUV	184.5150, -1.2399, -22.3767
Hunter-Lab	71.5098, -17.9699, 7.0537

Details

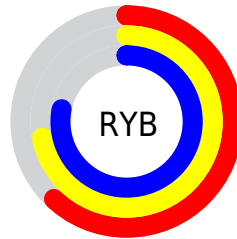
The Yxy color **51.1365, 0.2942, 0.3504** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **39.8952, 0.3359, 0.3086**, and the grayscale version is **48.2475, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.9892, 0.2974, 0.3466**, and **24.6573, 0.2893, 0.3567** is the 20% darker color. If you saturate the color by 10%, you get **48.9479, 0.2855, 0.3630**, and if you desaturate by 10%, it is **53.6731, 0.3034, 0.3390**.

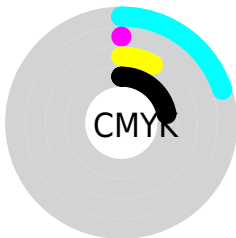
Distribution



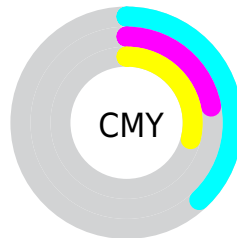
- Red (62%)
- Green (78%)
- Blue (71%)



- Red (62%)
- Yellow (72%)
- Blue (78%)



- Cyan (20%)
- Magenta (0%)
- Yellow (8%)
- Black (22%)



- Cyan (38%)
- Magenta (22%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.1365, 0.2942, 0.3504 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 51.1365, 0.2942, 0.3504 by changing the saturation by 10% instead.

■ 51.1365, 0.2942,
0.3504

■ 51.1365, 0.2942,
0.3504

391.0939, 0.3034,
0.3397

■ 36.3173, 0.2919,
0.3531

■ 91.8565, 0.2975,
0.3465

■ 24.6793, 0.2890,
0.3565

■ 118.5261, 0.2988,
0.3451

■ 15.8383, 0.2852,
0.3611

149.9145, 0.2998,
0.3438

■ 9.4098, 0.2798,
0.3674

186.4062, 0.3007,
0.3428

■ 5.0094, 0.2719,
0.3770

228.3856, 0.3015,
0.3419

■ 2.2528, 0.2590,
0.3927

276.2371, 0.3022,

■ 0.7486, 0.1954,

0.3411

0.4625

330.3451, 0.3028,
0.3403

0.0000, 0.0000,
0.0000

51.1365, 0.2942,
0.3504

51.1365, 0.2942,
0.3504

48.9479, 0.2855,
0.3630

53.6731, 0.3034,
0.3390

47.0851, 0.2777,
0.3766

56.5660, 0.3130,
0.3287

45.5333, 0.2710,
0.3912

59.8312, 0.3227,
0.3196

44.2739, 0.2659,
0.4066

63.4817, 0.3322,
0.3114

43.2863, 0.2625,
0.4224

66.9573, 0.3393,
0.3041

■ 42.5470, 0.2610,
0.4384

■ 67.4049, 0.3331,
0.2961

■ 42.0285, 0.2616,
0.4542

■ 67.8737, 0.3270,
0.2883

■ 41.6800, 0.2638,
0.4696

■ 68.3642, 0.3211,
0.2806

■ 41.6705, 0.2639,
0.4701

■ 68.8707, 0.3153,
0.2732

Harmonies

Analogous

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



51.1365, 0.3162, 0.3650



51.1365, 0.2942, 0.3504



51.1365, 0.2775, 0.3297

Triad

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



51.1365, 0.2942, 0.3504



51.1365, 0.2871, 0.2914



51.1365, 0.3573, 0.3457

Complementary

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



51.1365, 0.2942, 0.3504



39.8952, 0.3359, 0.3086

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.



51.1365, 0.3490, 0.3267



51.1365, 0.2942, 0.3504



51.1365, 0.3079, 0.2961

Square

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



51.1365, 0.2942, 0.3504



51.1365, 0.2735, 0.2960



51.1365, 0.3307, 0.3089



51.1365, 0.3531, 0.3613

Rectangle

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



51.1365, 0.2942, 0.3504



51.1365, 0.2714, 0.3159



51.1365, 0.3307, 0.3089



51.1365, 0.3559, 0.3395

Sweetspot

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



51.1386, 0.2942, 0.3504



96.8152, 0.3069, 0.3351



52.0364, 0.3232, 0.3806



20.6513, 0.3062, 0.3358



0.0000, 0.0000, 0.0000



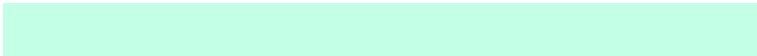
21.4041, 0.3127, 0.3290

Same Dimension

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



51.1386, 0.2942, 0.3504



88.6706, 0.2901, 0.3561



50.3680, 0.2833, 0.3246



11.9911, 0.3037, 0.3386



27.1150, 0.2633, 0.4680



1.2980, 0.2544, 0.4358

Inverse Universe

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



39.8952, 0.3359, 0.3086



64.8637, 0.3428, 0.3035



40.4362, 0.3504, 0.3333



10.7079, 0.3226, 0.3196



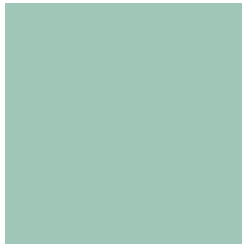
8.2120, 0.5314, 0.2701



0.4032, 0.4772, 0.2402

Previews

White Background



This preview shows how the Yxy color 51.1365, 0.2942, 0.3504 looks on a white background.

Color Contrast Check

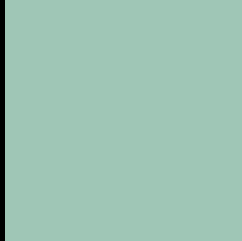
Large Text (above 18pt) WCAG AA × Fail

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 51.1365, 0.2942, 0.3504 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

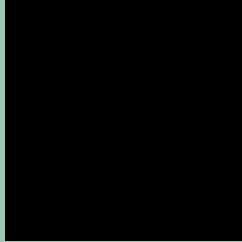
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

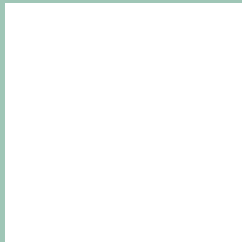
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.1365, 0.2942, 0.3504

Background



This preview shows how black text looks on a background with the Yxy color 51.1365, 0.2942, 0.3504.

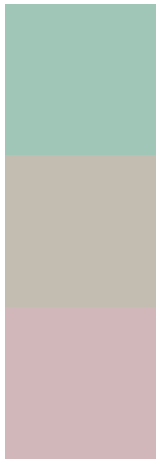


This preview shows how white text looks on a background with the Yxy color 51.1365, 0.2942, 0.3504.

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

51.1365, 0.2942, 0.3504

Protanopia

50.7429, 0.3272, 0.3428

Deuteranopia

50.9251, 0.3335, 0.3267



Tritanopia

51.0795, 0.2796, 0.3097

Trichromacy



Original Color

51.1365, 0.2942, 0.3504

Protanomaly

50.8990, 0.3144, 0.3458

Deuteranomaly

50.5035, 0.3183, 0.3341

Tritanomaly

50.8351, 0.2848, 0.3237

Monochromacy



Original Color

51.1365, 0.2942, 0.3504

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

49.5177, 0.3059, 0.3368

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.1365, 0.2942, 0.3504 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, 182)` looks like.

```
.text, #text, p{  
    color:rgb(159, 198, 182)  
}
```

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, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 198, 182) }
```

Border

The CSS property to change the border of an element to Yxy 51.1365, 0.2942, 0.3504 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, 182) }
```

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

```
.border{ border-color:rgb(159, 198, 182) }
```

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, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(159, 198, 182); -webkit-box-shadow:4px 4px 4px 4px rgb(159, 198, 182); box-shadow:4px 4px 4px 4px rgb(159, 198, 182) }
```


Background

The CSS property to change the background color of an element to Yxy 51.1365, 0.2942, 0.3504 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, 182) }
```

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

```
.background{ background-color: rgb(159,  
198, 182) }
```

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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