

Converting Colors

$Yxy(50.3449, 0.2980, 0.3527)$

Have a look what the booklet for
Yxy(50.3449, 0.2980, 0.3527)
contains.

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Color

Yxy(50.3116, 0.2977, 0.3518)

Conversions

Conversions Part 1

Format	Color
Hex	A1C4B3
RGB	161, 196, 179
RGB Percent	63%, 77%, 70%
CMY	0.3687, 0.2314, 0.2980
CMYK	0.18, 0.00, 0.09, 0.23
HSL	151°, 23%, 70%
HSV	151°, 18%, 77%
XYZ	42.5747, 50.3116, 50.1257
YIQ	183.5970, -15.4030, -12.7070

Conversions

Conversions Part 2

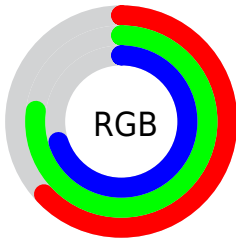
Format	Color
RYB	161, 184, 196
Decimal	10601651
CIELab	76.26, -15.11, 4.64
CIELCh	76, 15.802, 162.926
Yxy	50.3116, 0.2977, 0.3518
Android (android.graphics.Color)	4288791731 (0xFFA1C4B3)
YUV	183.5970, -2.2663, -19.8176
Hunter-Lab	70.9307, -16.9878, 7.7521

Details

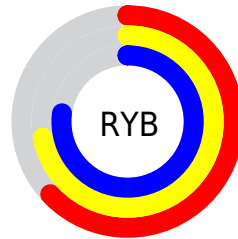
The Yxy color **50.3116, 0.2977, 0.3518** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.4364, 0.3309, 0.3073**, and the grayscale version is **47.7188, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.8476, 0.3002, 0.3477**, and **24.1036, 0.2938, 0.3587** is the 20% darker color. If you saturate the color by 10%, you get **48.0630, 0.2898, 0.3665**, and if you desaturate by 10%, it is **52.9102, 0.3060, 0.3385**.

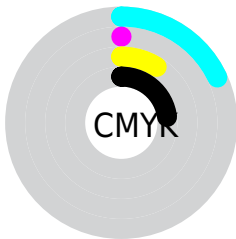
Distribution



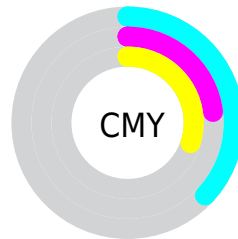
- Red (63%)
- Green (77%)
- Blue (70%)



- Red (63%)
- Yellow (72%)
- Blue (77%)



- Cyan (18%)
- Magenta (0%)
- Yellow (9%)
- Black (23%)





- Cyan (37%)
- Magenta (23%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.3116, 0.2977, 0.3518 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 50.3116, 0.2977, 0.3518 by changing the saturation by 10% instead.


 50.3116, 0.2977,
0.3518


 50.3116, 0.2977,
0.3518


387.8832, 0.3052,
0.3404

 35.6610, 0.2958,
0.3547


 90.6364, 0.3004,
0.3476

 24.1725, 0.2934,
0.3584


 117.0794, 0.3014,
0.3461

 15.4617, 0.2902,
0.3633


148.2220, 0.3023,
0.3448

 9.1440, 0.2857,
0.3702

184.4487, 0.3031,
0.3436

 4.8352, 0.2791,
0.3807

226.1437, 0.3037,
0.3426

 2.1509, 0.2680,
0.3982

273.6916, 0.3043,

 0.6930, 0.2052,

0.3418

0.4904

327.4766, 0.3048,
0.3410

0.0000, 0.0000,
0.0000

50.3116, 0.2977,
0.3518

50.3116, 0.2977,
0.3518

48.0630, 0.2898,
0.3665

52.9102, 0.3060,
0.3385

46.1426, 0.2826,
0.3826

55.8667, 0.3145,
0.3266

44.5360, 0.2765,
0.3999

59.1969, 0.3231,
0.3160

43.2253, 0.2717,
0.4182

62.9136, 0.3315,
0.3067

42.1903, 0.2685,
0.4371

66.2636, 0.3365,
0.2981

■ 41.4086, 0.2673,
0.4561

■ 66.8019, 0.3293,
0.2889

■ 40.8540, 0.2680,
0.4747

■ 67.3695, 0.3222,
0.2799

■ 40.4876, 0.2706,
0.4926

■ 67.9620, 0.3154,
0.2712

■ 40.4203, 0.2712,
0.4963

Harmonies

Analogous

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



50.3116, 0.3191, 0.3645



50.3116, 0.2977, 0.3518



50.3116, 0.2807, 0.3325

Triad

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



50.3116, 0.2977, 0.3518



50.3116, 0.2860, 0.2930



50.3116, 0.3550, 0.3427

Complementary

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



50.3116, 0.2977, 0.3518



40.4364, 0.3309, 0.3073

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.



50.3116, 0.3455, 0.3244



50.3116, 0.2977, 0.3518



50.3116, 0.3052, 0.2964

Square

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



50.3116, 0.2977, 0.3518



50.3116, 0.2742, 0.2988



50.3116, 0.3271, 0.3077



50.3116, 0.3526, 0.3583

Rectangle

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



50.3116, 0.2977, 0.3518



50.3116, 0.2740, 0.3191



50.3116, 0.3271, 0.3077



50.3116, 0.3531, 0.3366

Sweetspot

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



50.3137, 0.2977, 0.3518



97.2696, 0.3084, 0.3350



51.5789, 0.3246, 0.3750



20.7405, 0.3078, 0.3359



0.0000, 0.0000, 0.0000



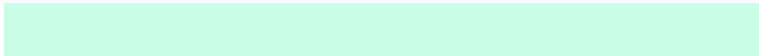
21.4041, 0.3127, 0.3290

Same Dimension

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



50.3137, 0.2977, 0.3518



89.6586, 0.2949, 0.3567



51.0439, 0.2861, 0.3289



11.3435, 0.3048, 0.3404



25.9879, 0.2705, 0.4939



1.1368, 0.2594, 0.4538

Inverse Universe

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



40.4364, 0.3309, 0.3073



68.8129, 0.3352, 0.3029



39.7960, 0.3468, 0.3291



10.1575, 0.3215, 0.3179



8.0897, 0.5000, 0.2528



0.3635, 0.4497, 0.2251

Previews

White Background



This preview shows how the Yxy color 50.3116, 0.2977, 0.3518 looks on a white background.

Color Contrast Check

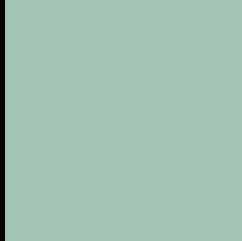
Large Text (above 18pt) WCAG AA × Fail

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 50.3116, 0.2977, 0.3518 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

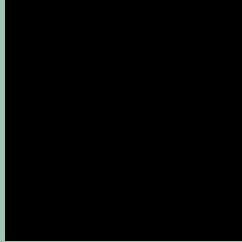
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

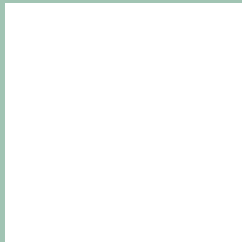
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.3116, 0.2977, 0.3518

Background



This preview shows how black text looks on a background with the Yxy color 50.3116, 0.2977, 0.3518.



This preview shows how white text looks on a background with the Yxy color 50.3116, 0.2977, 0.3518.

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

50.3116, 0.2977, 0.3518

Protanopia

50.0660, 0.3289, 0.3455

Deuteranopia

49.8350, 0.3354, 0.3279



Tritanopia

50.3113, 0.2821, 0.3097

Trichromacy



Original Color

50.3116, 0.2977, 0.3518

Protanomaly

49.9066, 0.3168, 0.3472

Deuteranomaly

49.5304, 0.3208, 0.3354

Tritanomaly

50.0637, 0.2874, 0.3237

Monochromacy



Original Color

50.3116, 0.2977, 0.3518

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

48.5739, 0.3074, 0.3369

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.3116, 0.2977, 0.3518 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(161, 196, 179)` looks like.

```
.text, #text, p{  
    color:rgb(161, 196, 179)  
}
```

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(161, 196, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 196, 179) }
```

Border

The CSS property to change the border of an element to Yxy 50.3116, 0.2977, 0.3518 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(161, 196, 179) }
```

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

```
.border{ border-color:rgb(161, 196, 179) }
```

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

Here you see how a box with a 4 pixel rgb(161, 196, 179) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 196, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 196, 179);  
box-shadow:4px 4px 4px 4px rgb(161, 196,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 50.3116, 0.2977, 0.3518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 196, 179) }
```

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

```
.background{ background-color: rgb(161,  
196, 179) }
```

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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