

Converting Colors

$Yxy(52.1528, 0.3007, 0.3587)$

Have a look what the booklet for
Yxy(52.1528, 0.3007, 0.3587)
contains.

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Color

Yxy(52.2694, 0.3006, 0.3596)

Conversions

Conversions Part 1

Format	Color
Hex	A3C8B1
RGB	163, 200, 177
RGB Percent	64%, 78%, 69%
CMY	0.3608, 0.2157, 0.3058
CMYK	0.19, 0.00, 0.11, 0.22
HSL	143°, 25%, 71%
HSV	143°, 19%, 78%
XYZ	43.6935, 52.2694, 49.3914
YIQ	186.3150, -14.6690, -14.9970

Conversions

Conversions Part 2

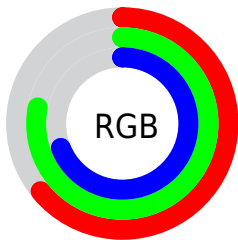
Format	Color
RYB	163, 190, 200
Decimal	10733745
CIELab	77.44, -16.88, 7.43
CIELCh	77, 18.441, 156.225
Yxy	52.2694, 0.3006, 0.3596
Android (android.graphics.Color)	4288923825 (0xFFA3C8B1)
YUV	186.3150, -4.5923, -20.4473
Hunter-Lab	72.2976, -18.6432, 10.1033

Details

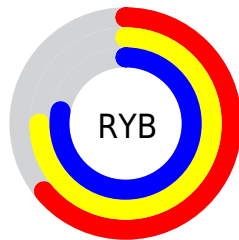
The Yxy color **52.2694, 0.3006, 0.3596** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **42.0134, 0.3271, 0.3003**, and the grayscale version is **49.3213, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.3086, 0.3025, 0.3518**, and **25.3925, 0.2978, 0.3693** is the 20% darker color. If you saturate the color by 10%, you get **49.8519, 0.2944, 0.3789**, and if you desaturate by 10%, it is **55.0702, 0.3071, 0.3423**.

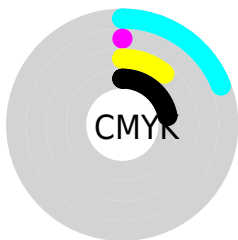
Distribution



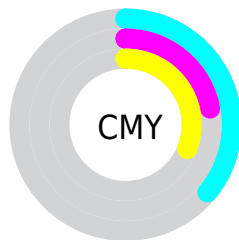
- Red (64%)
- Green (78%)
- Blue (69%)



- Red (64%)
- Yellow (75%)
- Blue (78%)



- Cyan (19%)
- Magenta (0%)
- Yellow (11%)
- Black (22%)





- Cyan (36%)
- Magenta (22%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.2694, 0.3006, 0.3596 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 52.2694, 0.3006, 0.3596 by changing the saturation by 10% instead.

 52.2694, 0.3006,
0.3596

 52.2694, 0.3006,
0.3596


395.4758, 0.3067,
0.3443

 37.2199, 0.2991,
0.3634


 93.5284, 0.3028,
0.3540

 25.3778, 0.2971,
0.3684


 120.5067, 0.3037,
0.3519

 16.3587, 0.2944,
0.3750


152.2300, 0.3044,
0.3502

 9.7784, 0.2907,
0.3843

189.0827, 0.3050,
0.3486

 5.2522, 0.2850,
0.3981

231.4493, 0.3055,
0.3473

 2.3960, 0.2756,
0.4213

279.7140, 0.3059,

 0.8238, 0.2360,

0.3462

0.5240

334.2614, 0.3063,
0.3452

0.0000, 0.0000,
0.0000

52.2694, 0.3006,
0.3596

52.2694, 0.3006,
0.3596

49.8519, 0.2944,
0.3789

55.0702, 0.3071,
0.3423

47.7943, 0.2888,
0.4000

58.2636, 0.3137,
0.3268

46.0806, 0.2840,
0.4226

61.8665, 0.3202,
0.3132

44.6911, 0.2804,
0.4464

65.8930, 0.3266,
0.3012

43.6039, 0.2784,
0.4706

68.8099, 0.3266,
0.2900

■ 42.7942, 0.2781,
0.4944

■ 69.5698, 0.3177,
0.2784

■ 42.2332, 0.2797,
0.5167

■ 69.7914, 0.3152,
0.2752

■ 41.8761, 0.2828,
0.5369

■ 41.8308, 0.2832,
0.5397

Harmonies

Analogous

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



52.2694, 0.3255, 0.3718



52.2694, 0.3006, 0.3596



52.2694, 0.2796, 0.3383

Triad

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



52.2694, 0.3006, 0.3596



52.2694, 0.2781, 0.2883



52.2694, 0.3602, 0.3399

Complementary

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



52.2694, 0.3006, 0.3596



42.0134, 0.3271, 0.3003

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.



52.2694, 0.3465, 0.3190



52.2694, 0.3006, 0.3596



52.2694, 0.2986, 0.2899

Square

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



52.2694, 0.3006, 0.3596



52.2694, 0.2670, 0.2970



52.2694, 0.3236, 0.3011



52.2694, 0.3605, 0.3590

Rectangle

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



52.2694, 0.3006, 0.3596



52.2694, 0.2703, 0.3225



52.2694, 0.3236, 0.3011



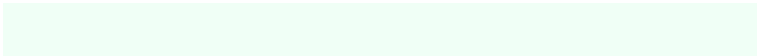
52.2694, 0.3570, 0.3329

Sweetspot

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



52.2716, 0.3006, 0.3596



96.6160, 0.3087, 0.3383



54.4485, 0.3291, 0.3763



20.6043, 0.3083, 0.3394



0.0000, 0.0000, 0.0000



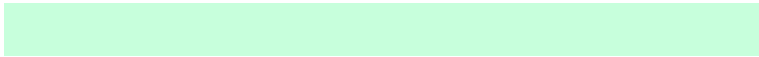
21.4041, 0.3127, 0.3290

Same Dimension

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



52.2716, 0.3006, 0.3596



88.8247, 0.2982, 0.3667



53.0397, 0.2884, 0.3354



11.9533, 0.3065, 0.3437



26.6119, 0.2825, 0.5371



1.2741, 0.2705, 0.4938

Inverse Universe

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



42.0134, 0.3271, 0.3003



67.9859, 0.3307, 0.2941



41.2937, 0.3438, 0.3228



10.7458, 0.3194, 0.3148



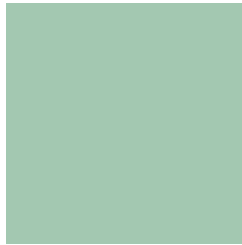
8.7536, 0.4441, 0.2220



0.4283, 0.4119, 0.2043

Previews

White Background



This preview shows how the Yxy color 52.2694, 0.3006, 0.3596 looks on a white background.

Color Contrast Check

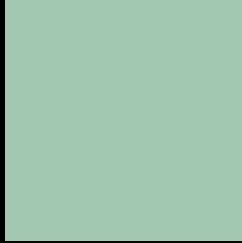
Large Text (above 18pt) WCAG AA × Fail

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 52.2694, 0.3006, 0.3596 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

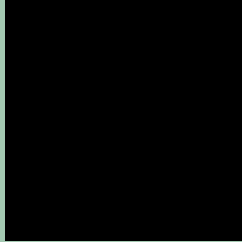
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

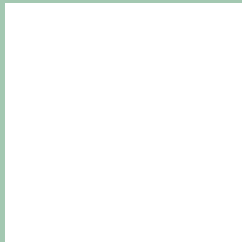
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.2694, 0.3006, 0.3596

Background



This preview shows how black text looks on a background with the Yxy color 52.2694, 0.3006, 0.3596.

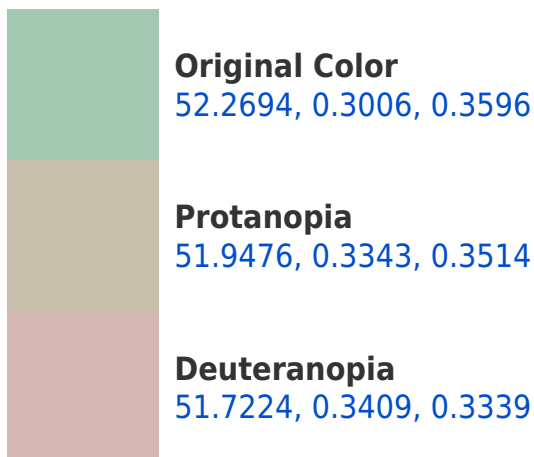


This preview shows how white text looks on a background with the Yxy color 52.2694, 0.3006, 0.3596.

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





Tritanopia

52.1684, 0.2819, 0.3087

Trichromacy



Original Color

52.2694, 0.3006, 0.3596

Protanomaly

52.0787, 0.3212, 0.3546

Deuteranomaly

51.6837, 0.3254, 0.3428

Tritanomaly

52.2715, 0.2885, 0.3264

Monochromacy



Original Color

52.2694, 0.3006, 0.3596

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

50.1455, 0.3082, 0.3394

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.2694, 0.3006, 0.3596 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(163, 200, 177)` looks like.

```
.text, #text, p{  
    color:rgb(163, 200, 177)  
}
```

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(163, 200, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 200, 177) }
```

Border

The CSS property to change the border of an element to Yxy 52.2694, 0.3006, 0.3596 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(163, 200, 177) }
```

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

```
.border{ border-color:rgb(163, 200, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 200, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(163, 200, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(163, 200, 177); box-shadow:4px 4px 4px 4px rgb(163, 200, 177) }
```


Background

The CSS property to change the background color of an element to Yxy 52.2694, 0.3006, 0.3596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 200, 177) }
```

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

```
.background{ background-color: rgb(163,  
200, 177) }
```

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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