

Converting Colors

$Yxy(52.2577, 0.3089, 0.3498)$

Have a look what the booklet for
Yxy(52.2577, 0.3089, 0.3498)
contains.

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Color

Yxy(52.1223, 0.3094, 0.3497)

Conversions

Conversions Part 1

Format	Color
Hex	B1C4B4
RGB	177, 196, 180
RGB Percent	69%, 77%, 71%
CMY	0.3057, 0.2314, 0.2941
CMYK	0.10, 0.00, 0.08, 0.23
HSL	129°, 14%, 73%
HSV	129°, 10%, 77%
XYZ	46.1156, 52.1223, 50.8107
YIQ	188.4950, -6.1880, -9.0040

Conversions

Conversions Part 2

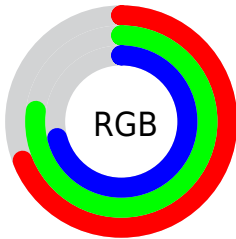
Format	Color
RYB	177, 193, 196
Decimal	11650228
CIELab	77.35, -9.50, 5.83
CIELCh	77, 11.140, 148.472
Yxy	52.1223, 0.3094, 0.3497
Android (android.graphics.Color)	4289840308 (0xFFB1C4B4)
YUV	188.4950, -4.1880, -10.0811
Hunter-Lab	72.1958, -12.3243, 8.8093

Details

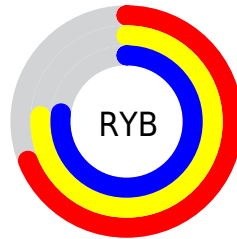
The Yxy color **52.1223, 0.3094, 0.3497** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.0453, 0.3162, 0.3091**, and the grayscale version is **50.6169, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.6303, 0.3100, 0.3461**, and **25.1634, 0.3083, 0.3556** is the 20% darker color. If you saturate the color by 10%, you get **49.3511, 0.3059, 0.3739**, and if you desaturate by 10%, it is **55.3089, 0.3128, 0.3283**.

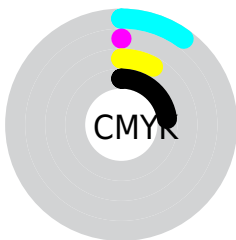
Distribution



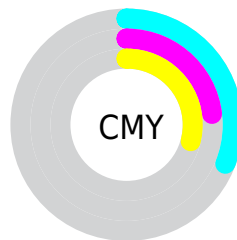
- Red (69%)
- Green (77%)
- Blue (71%)



- Red (69%)
- Yellow (76%)
- Blue (77%)



- Cyan (10%)
- Magenta (0%)
- Yellow (8%)
- Black (23%)



- Cyan (31%)
- Magenta (23%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.1223, 0.3094, 0.3497 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 52.1223, 0.3094, 0.3497 by changing the saturation by 10% instead.

■ 52.1223, 0.3094,
0.3497

■ 52.1223, 0.3094,
0.3497

394.9086, 0.3111,
0.3394

■ 37.1026, 0.3090,
0.3523

■ 93.3116, 0.3100,
0.3460

■ 25.2869, 0.3084,
0.3555

120.2499, 0.3103,
0.3446

■ 16.2909, 0.3076,
0.3599

151.9299, 0.3105,
0.3434

■ 9.7303, 0.3065,
0.3660

188.7360, 0.3106,
0.3424

■ 5.2205, 0.3048,
0.3750

231.0525, 0.3108,
0.3415

■ 2.3772, 0.3019,
0.3899

279.2638, 0.3109,


■ 0.8141, 0.2953,


0.3407


0.4436


333.7544, 0.3110,
0.3400

 0.0000, 0.0000,
0.0000


 52.1223, 0.3094,
0.3497


 52.1223, 0.3094,
0.3497


 49.3511, 0.3059,
0.3739


 55.3089, 0.3128,
0.3283

 46.9717, 0.3025,
0.4008


 58.9201, 0.3161,
0.3097


 44.9685, 0.2993,
0.4301

 62.9732, 0.3192,
0.2935

 43.3220, 0.2966,
0.4610

 67.3998, 0.3218,
0.2794

 42.0111, 0.2946,
0.4924

 67.9578, 0.3154,
0.2712

■ 41.0122, 0.2936,
0.5224

■ 40.2989, 0.2936,
0.5492

■ 39.8403, 0.2947,
0.5710

■ 39.5819, 0.2964,
0.5866

Harmonies

Analogous

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



52.1223, 0.3244, 0.3552



52.1223, 0.3094, 0.3497



52.1223, 0.2955, 0.3382

Triad

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



52.1223, 0.3094, 0.3497



52.1223, 0.2892, 0.3050



52.1223, 0.3398, 0.3327

Complementary

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



52.1223, 0.3094, 0.3497



47.0453, 0.3162, 0.3091

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.



52.1223, 0.3300, 0.3199



52.1223, 0.3094, 0.3497



52.1223, 0.3006, 0.3041

Square

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



52.1223, 0.3094, 0.3497



52.1223, 0.2840, 0.3122



52.1223, 0.3155, 0.3095



52.1223, 0.3422, 0.3449

Rectangle

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



52.1223, 0.3094, 0.3497



52.1223, 0.2887, 0.3290



52.1223, 0.3155, 0.3095



52.1223, 0.3373, 0.3283

Sweetspot

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



52.1245, 0.3094, 0.3497



98.1692, 0.3117, 0.3352



54.0109, 0.3246, 0.3527



20.9101, 0.3114, 0.3370



0.0000, 0.0000, 0.0000



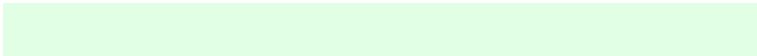
21.4041, 0.3127, 0.3290

Same Dimension

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



52.1245, 0.3094, 0.3497



93.0989, 0.3085, 0.3555



52.5189, 0.3027, 0.3375



11.2840, 0.3095, 0.3490



25.4383, 0.2959, 0.5853



1.1074, 0.2859, 0.5493

Inverse Universe

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



47.0453, 0.3162, 0.3091



81.7020, 0.3172, 0.3039



46.6407, 0.3239, 0.3207



10.2196, 0.3161, 0.3098



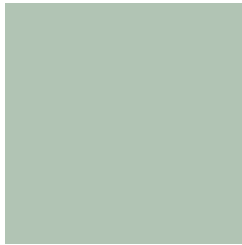
9.3046, 0.3644, 0.1781



0.4095, 0.3532, 0.1719

Previews

White Background



This preview shows how the Yxy color 52.1223, 0.3094, 0.3497 looks on a white background.

Color Contrast Check

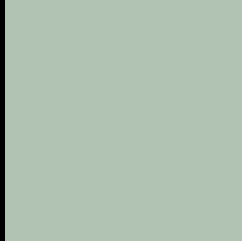
Large Text (above 18pt) WCAG AA × Fail

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 52.1223, 0.3094, 0.3497 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

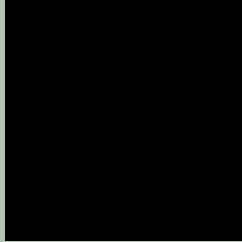
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

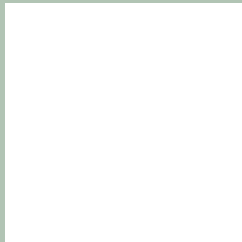
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.1223, 0.3094, 0.3497

Background



This preview shows how black text looks on a background with the Yxy color 52.1223, 0.3094, 0.3497.



This preview shows how white text looks on a background with the Yxy color 52.1223, 0.3094, 0.3497.

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

52.1223, 0.3094, 0.3497

Protanopia

51.8716, 0.3286, 0.3452

Deuteranopia

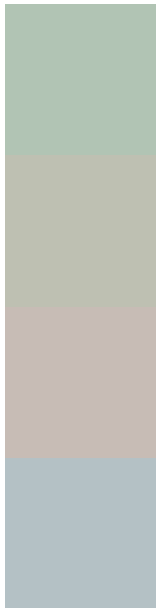
51.6554, 0.3384, 0.3315



Tritanopia

52.0280, 0.2932, 0.3103

Trichromacy



Original Color

52.1223, 0.3094, 0.3497

Protanomaly

51.8608, 0.3217, 0.3467

Deuteranomaly

51.4447, 0.3274, 0.3377

Tritanomaly

51.8744, 0.2995, 0.3239

Monochromacy



Original Color

52.1223, 0.3094, 0.3497

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

51.5587, 0.3116, 0.3366

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.1223, 0.3094, 0.3497 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(177, 196, 180)` looks like.

```
.text, #text, p{  
    color:rgb(177, 196, 180)  
}
```

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(177, 196, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 196, 180) }
```

Border

The CSS property to change the border of an element to Yxy 52.1223, 0.3094, 0.3497 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(177, 196, 180) }
```

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

```
.border{ border-color:rgb(177, 196, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 196, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 196, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 196, 180);  
box-shadow:4px 4px 4px 4px rgb(177, 196,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 52.1223, 0.3094, 0.3497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 196, 180) }
```

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

```
.background{ background-color: rgb(177,  
196, 180) }
```

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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