

Converting Colors

Yxy(52.1422, 0.3015, 0.3558)

Have a look what the booklet for
Yxy(52.1422, 0.3015, 0.3558)
contains.

Yxy(52.2085, 0.3015, 0.3554)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(52.2085, 0.3015, 0.3554)

Conversions

Conversions Part 1

Format	Color
Hex	A6C7B3
RGB	166, 199, 179
RGB Percent	65%, 78%, 70%
CMY	0.3489, 0.2196, 0.2980
CMYK	0.17, 0.00, 0.10, 0.22
HSL	144°, 23%, 72%
HSV	144°, 17%, 78%
XYZ	44.2906, 52.2085, 50.4016
YIQ	186.8530, -13.2480, -13.2160

Conversions

Conversions Part 2

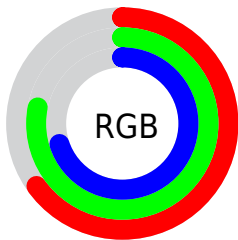
Format	Color
RYB	166, 190, 199
Decimal	10930099
CIELab	77.41, -14.97, 6.33
CIELCh	77, 16.254, 157.075
Yxy	52.2085, 0.3015, 0.3554
Android (android.graphics.Color)	4289120179 (0xFFA6C7B3)
YUV	186.8530, -3.8715, -18.2881
Hunter-Lab	72.2554, -17.0316, 9.2212

Details

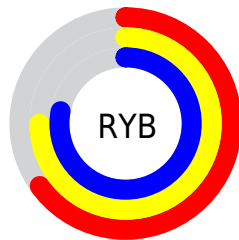
The Yxy color **52.2085, 0.3015, 0.3554** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **42.9666, 0.3258, 0.3040**, and the grayscale version is **49.6383, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.8903, 0.3032, 0.3495**, and **25.3346, 0.2989, 0.3635** is the 20% darker color. If you saturate the color by 10%, you get **49.7568, 0.2950, 0.3738**, and if you desaturate by 10%, it is **55.0400, 0.3082, 0.3389**.

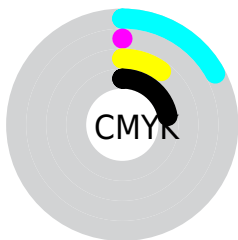
Distribution



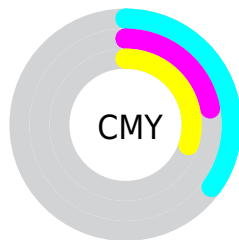
- Red (65%)
- Green (78%)
- Blue (70%)



- Red (65%)
- Yellow (75%)
- Blue (78%)



- Cyan (17%)
- Magenta (0%)
- Yellow (10%)
- Black (22%)





- Cyan (35%)
- Magenta (22%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.2085, 0.3015, 0.3554 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 52.2085, 0.3015, 0.3554 by changing the saturation by 10% instead.


 52.2085, 0.3015,
0.3554

 52.2085, 0.3015,
0.3554


395.2410, 0.3071,
0.3422

 37.1713, 0.3001,
0.3587


 93.4387, 0.3035,
0.3506

 25.3401, 0.2983,
0.3629


 120.4004, 0.3043,
0.3488

 16.3307, 0.2959,
0.3686


152.1058, 0.3050,
0.3473

 9.7584, 0.2925,
0.3765

188.9392, 0.3055,
0.3460

 5.2391, 0.2874,
0.3883

231.2850, 0.3060,
0.3448

 2.3882, 0.2789,
0.4079

279.5277, 0.3064,

 0.8198, 0.2458,

0.3439

0.4870

334.0515, 0.3068,
0.3430

0.0000, 0.0000,
0.0000

52.2085, 0.3015,
0.3554

52.2085, 0.3015,
0.3554

49.7568, 0.2950,
0.3738

55.0400, 0.3082,
0.3389

47.6620, 0.2891,
0.3940

58.2600, 0.3150,
0.3242

45.9088, 0.2840,
0.4158

61.8852, 0.3218,
0.3112

44.4779, 0.2800,
0.4388

65.9292, 0.3283,
0.2998

43.3484, 0.2776,
0.4624

68.3553, 0.3266,
0.2888

■ 42.4965, 0.2769,
0.4859

■ 69.0929, 0.3179,
0.2775

■ 41.8950, 0.2780,
0.5082

■ 69.3260, 0.3153,
0.2742

■ 41.5082, 0.2809,
0.5287

■ 41.4026, 0.2820,
0.5352

Harmonies

Analogous

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



52.2085, 0.3235, 0.3664



52.2085, 0.3015, 0.3554



52.2085, 0.2830, 0.3366

Triad

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



52.2085, 0.3015, 0.3554



52.2085, 0.2825, 0.2929



52.2085, 0.3547, 0.3393

Complementary

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



52.2085, 0.3015, 0.3554



42.9666, 0.3258, 0.3040

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.



52.2085, 0.3430, 0.3207



52.2085, 0.3015, 0.3554



52.2085, 0.3009, 0.2945

Square

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



52.2085, 0.3015, 0.3554



52.2085, 0.2723, 0.3005



52.2085, 0.3230, 0.3046



52.2085, 0.3546, 0.3561

Rectangle

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



52.2085, 0.3015, 0.3554



52.2085, 0.2749, 0.3228



52.2085, 0.3230, 0.3046



52.2085, 0.3520, 0.3331

Sweetspot

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



52.2107, 0.3015, 0.3554



97.1740, 0.3093, 0.3365



54.0837, 0.3269, 0.3711



20.7173, 0.3088, 0.3376



0.0000, 0.0000, 0.0000



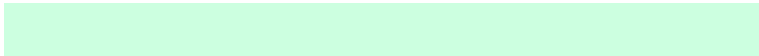
21.4041, 0.3127, 0.3290

Same Dimension

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



52.2107, 0.3015, 0.3554



89.7450, 0.2990, 0.3620



52.9021, 0.2905, 0.3339



11.9560, 0.3063, 0.3433



26.6396, 0.2813, 0.5327



1.2756, 0.2694, 0.4897

Inverse Universe

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



42.9666, 0.3258, 0.3040



70.4377, 0.3294, 0.2981



42.3189, 0.3404, 0.3242



10.7430, 0.3197, 0.3151



8.7058, 0.4502, 0.2254



0.4262, 0.4163, 0.2067

Previews

White Background



This preview shows how the Yxy color 52.2085, 0.3015, 0.3554 looks on a white background.

Color Contrast Check

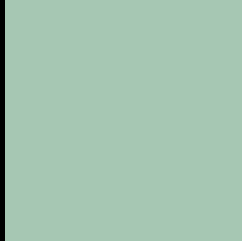
Large Text (above 18pt) WCAG AA × Fail

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 52.2085, 0.3015, 0.3554 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

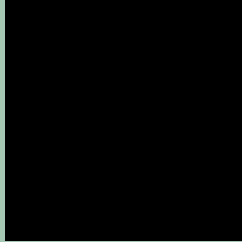
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

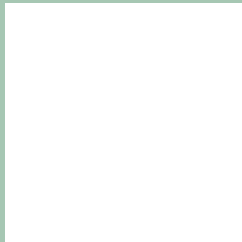
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.2085, 0.3015, 0.3554

Background



This preview shows how black text looks on a background with the Yxy color 52.2085, 0.3015, 0.3554.



This preview shows how white text looks on a background with the Yxy color 52.2085, 0.3015, 0.3554.

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

52.2085, 0.3015, 0.3554

Protanopia

51.8887, 0.3318, 0.3490

Deuteranopia

51.6554, 0.3384, 0.3315



Tritanopia

51.8946, 0.2839, 0.3087

Trichromacy



Original Color

52.2085, 0.3015, 0.3554

Protanomaly

51.7136, 0.3198, 0.3507

Deuteranomaly

51.3335, 0.3239, 0.3390

Tritanomaly

52.0384, 0.2899, 0.3251

Monochromacy



Original Color

52.2085, 0.3015, 0.3554

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

50.3060, 0.3082, 0.3380

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.2085, 0.3015, 0.3554 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(166, 199, 179)` looks like.

```
.text, #text, p{  
    color:rgb(166, 199, 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(166, 199, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 199, 179) }
```

Border

The CSS property to change the border of an element to Yxy 52.2085, 0.3015, 0.3554 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(166, 199, 179) }
```

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

```
.border{ border-color:rgb(166, 199, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 199, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 199, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 199, 179);  
box-shadow:4px 4px 4px 4px rgb(166, 199,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 52.2085, 0.3015, 0.3554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 199, 179) }
```

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

```
.background{ background-color: rgb(166,  
199, 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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