

Converting Colors

$Yxy(53.1808, 0.3018, 0.3641)$

Have a look what the booklet for
Yxy(53.1808, 0.3018, 0.3641)
contains.

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Color

Yxy(53.1622, 0.3013, 0.3635)

Conversions

Conversions Part 1

Format	Color
Hex	A3CAB0
RGB	163, 202, 176
RGB Percent	64%, 79%, 69%
CMY	0.3607, 0.2078, 0.3097
CMYK	0.19, 0.00, 0.13, 0.21
HSL	140°, 27%, 72%
HSV	140°, 19%, 79%
XYZ	44.0654, 53.1622, 49.0233
YIQ	187.3750, -14.8980, -16.3540

Conversions

Conversions Part 2

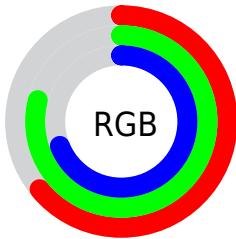
Format	Color
RYB	163, 192, 202
Decimal	10734256
CIELab	77.97, -18.06, 8.73
CIElCh	78, 20.063, 154.209
Yxy	53.1622, 0.3013, 0.3635
Android (android.graphics.Color)	4288924336 (0xFFA3CAB0)
YUV	187.3750, -5.6079, -21.3769
Hunter-Lab	72.9124, -19.7183, 11.1745

Details

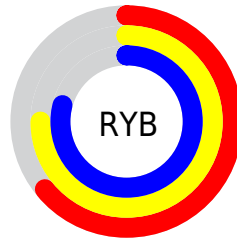
The Yxy color **53.1622, 0.3013, 0.3635** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **42.4313, 0.3263, 0.2968**, and the grayscale version is **49.9590, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.2516, 0.3031, 0.3528**, and **26.0146, 0.2978, 0.3727** is the 20% darker color. If you saturate the color by 10%, you get **50.6926, 0.2957, 0.3845**, and if you desaturate by 10%, it is **56.0297, 0.3072, 0.3446**.

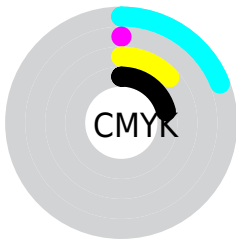
Distribution



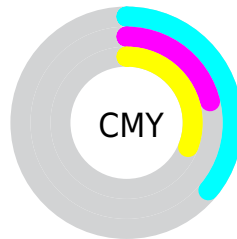
- Red (64%)
- Green (79%)
- Blue (69%)



- Red (64%)
- Yellow (75%)
- Blue (79%)



- Cyan (19%)
- Magenta (0%)
- Yellow (13%)
- Black (21%)





- Cyan (36%)
- Magenta (21%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.1622, 0.3013, 0.3635 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 53.1622, 0.3013, 0.3635 by changing the saturation by 10% instead.


 53.1622, 0.3013,
0.3635

 53.1622, 0.3013,
0.3635


398.9071, 0.3071,
0.3462

 37.9323, 0.2998,
0.3678


 94.8430, 0.3034,
0.3572

 25.9301, 0.2979,
0.3734


 122.0627, 0.3042,
0.3548

 16.7714, 0.2954,
0.3808


154.0477, 0.3049,
0.3529

 10.0716, 0.2918,
0.3912

191.1825, 0.3054,
0.3511

 5.4465, 0.2863,
0.4068

233.8514, 0.3059,
0.3497

 2.5115, 0.2770,
0.4327

282.4389, 0.3064,

 0.8824, 0.2439,

0.3484

0.5412

337.3293, 0.3068,
0.3472

0.0000, 0.0000,
0.0000

53.1622, 0.3013,
0.3635

53.1622, 0.3013,
0.3635

50.6926, 0.2957,
0.3845

56.0297, 0.3072,
0.3446

48.5965, 0.2906,
0.4074

59.3050, 0.3131,
0.3279

46.8571, 0.2864,
0.4319

63.0058, 0.3190,
0.3131

45.4537, 0.2833,
0.4575

67.1468, 0.3247,
0.3002

44.3632, 0.2816,
0.4832

69.9916, 0.3234,
0.2880

■ 43.5598, 0.2816,
0.5081

■ 70.7205, 0.3151,
0.2772

■ 43.0128, 0.2834,
0.5310

■ 42.6711, 0.2865,
0.5509

■ 42.6504, 0.2867,
0.5522

Harmonies

Analogous

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



53.1622, 0.3282, 0.3758



53.1622, 0.3013, 0.3635



53.1622, 0.2782, 0.3407

Triad

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



53.1622, 0.3013, 0.3635



53.1622, 0.2741, 0.2853



53.1622, 0.3636, 0.3391

Complementary

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



53.1622, 0.3013, 0.3635



42.4313, 0.3263, 0.2968

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.



53.1622, 0.3478, 0.3167



53.1622, 0.3013, 0.3635



53.1622, 0.2957, 0.2865

Square

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



53.1622, 0.3013, 0.3635



53.1622, 0.2630, 0.2954



53.1622, 0.3226, 0.2978



53.1622, 0.3649, 0.3601

Rectangle

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



53.1622, 0.3013, 0.3635



53.1622, 0.2677, 0.3236



53.1622, 0.3226, 0.2978



53.1622, 0.3598, 0.3315

Sweetspot

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



53.1644, 0.3013, 0.3635



96.5734, 0.3091, 0.3390



55.7050, 0.3308, 0.3783



20.5942, 0.3087, 0.3402



0.0000, 0.0000, 0.0000



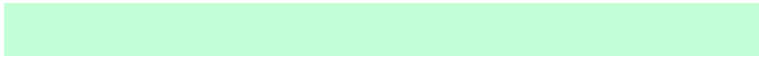
21.4041, 0.3127, 0.3290

Same Dimension

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



53.1644, 0.3013, 0.3635



88.2562, 0.2990, 0.3717



53.9919, 0.2883, 0.3374



12.5977, 0.3071, 0.3448



27.4603, 0.2861, 0.5498



1.4307, 0.2747, 0.5090

Inverse Universe

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



42.4313, 0.3263, 0.2968



66.9213, 0.3297, 0.2899



41.6413, 0.3442, 0.3209



11.3376, 0.3188, 0.3137



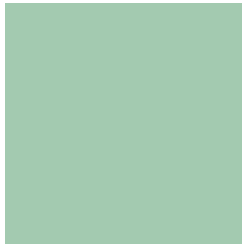
9.2158, 0.4264, 0.2123



0.4892, 0.4008, 0.1982

Previews

White Background



This preview shows how the Yxy color 53.1622, 0.3013, 0.3635 looks on a white background.

Color Contrast Check

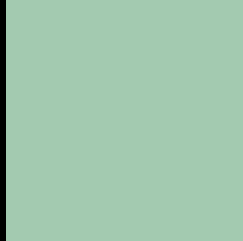
Large Text (above 18pt) WCAG AA × Fail

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 53.1622, 0.3013, 0.3635 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

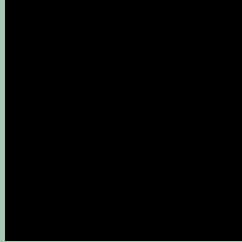
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

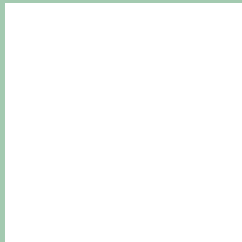
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.1622, 0.3013, 0.3635

Background



This preview shows how black text looks on a background with the Yxy color 53.1622, 0.3013, 0.3635.



This preview shows how white text looks on a background with the Yxy color 53.1622, 0.3013, 0.3635.

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

53.1622, 0.3013, 0.3635

Protanopia

53.0571, 0.3365, 0.3550

Deuteranopia

52.9714, 0.3440, 0.3374



Tritanopia

53.2320, 0.2821, 0.3101

Trichromacy



Original Color

53.1622, 0.3013, 0.3635

Protanomaly

53.0618, 0.3226, 0.3583

Deuteranomaly

52.7839, 0.3276, 0.3464

Tritanomaly

53.1859, 0.2886, 0.3289

Monochromacy



Original Color

53.1622, 0.3013, 0.3635

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

50.5831, 0.3081, 0.3406

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.1622, 0.3013, 0.3635 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, 202, 176)` looks like.

```
.text, #text, p{  
    color:rgb(163, 202, 176)  
}
```

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, 202, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 202, 176) }
```

Border

The CSS property to change the border of an element to Yxy 53.1622, 0.3013, 0.3635 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, 202, 176) }
```

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

```
.border{ border-color:rgb(163, 202, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 202, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 202, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 202, 176);  
box-shadow:4px 4px 4px 4px rgb(163, 202,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 53.1622, 0.3013, 0.3635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 202, 176) }
```

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

```
.background{ background-color: rgb(163,  
202, 176) }
```

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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