

Converting Colors

Yxy(53.3910, 0.3058, 0.3429)

Have a look what the booklet for
Yxy(53.3910, 0.3058, 0.3429)
contains.

Yxy(53.5597, 0.3058, 0.3430)	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(53.5597, 0.3058, 0.3430)

Conversions

Conversions Part 1

Format	Color
Hex	B3C6BB
RGB	179, 198, 187
RGB Percent	70%, 78%, 73%
CMY	0.2981, 0.2235, 0.2666
CMYK	0.10, 0.00, 0.06, 0.22
HSL	145°, 14%, 74%
HSV	145°, 10%, 78%
XYZ	47.7509, 53.5597, 54.8401
YIQ	191.0650, -7.7930, -7.4490

Conversions

Conversions Part 2

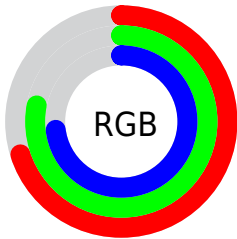
Format	Color
RYB	179, 192, 198
Decimal	11781819
CIELab	78.20, -8.57, 3.29
CIElCh	78, 9.182, 158.973
Yxy	53.5597, 0.3058, 0.3430
Android (android.graphics.Color)	4289971899 (0xFFB3C6BB)
YUV	191.0650, -2.0040, -10.5810
Hunter-Lab	73.1845, -11.6065, 6.8007

Details

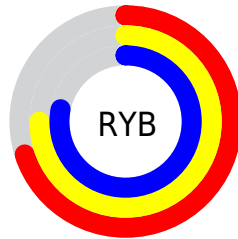
The Yxy color **53.5597, 0.3058, 0.3430** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.9552, 0.3203, 0.3154**, and the grayscale version is **52.1546, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.6532, 0.3072, 0.3409**, and **26.1034, 0.3036, 0.3463** is the 20% darker color. If you saturate the color by 10%, you get **50.8991, 0.2988, 0.3593**, and if you desaturate by 10%, it is **56.6027, 0.3130, 0.3285**.

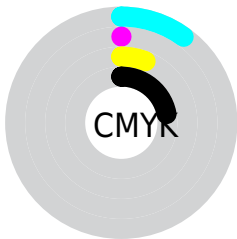
Distribution



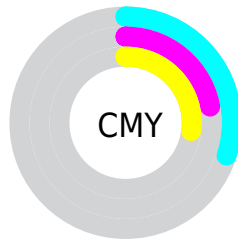
- Red (70%)
- Green (78%)
- Blue (73%)



- Red (70%)
- Yellow (75%)
- Blue (78%)



- Cyan (10%)
- Magenta (0%)
- Yellow (6%)
- Black (22%)





- Cyan (30%)
- Magenta (22%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.5597, 0.3058, 0.3430 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 53.5597, 0.3058, 0.3430 by changing the saturation by 10% instead.

 53.5597, 0.3058,
0.3430

 53.5597, 0.3058,
0.3430


400.4288, 0.3092,
0.3361

 38.2498, 0.3050,
0.3447


 95.4275, 0.3070,
0.3405

 26.1766, 0.3039,
0.3469


122.7541, 0.3075,
0.3396

 16.9558, 0.3025,
0.3497

154.8550, 0.3079,
0.3388

 10.2030, 0.3005,
0.3537

192.1147, 0.3082,
0.3381

 5.5337, 0.2976,
0.3595

234.9175, 0.3085,
0.3375

 2.5637, 0.2930,
0.3689

283.6479, 0.3088,

 0.9085, 0.2818,

0.3370

0.3914

338.6902, 0.3090,
0.3365

0.0000, 0.0000,
0.0000

53.5597, 0.3058,
0.3430

53.5597, 0.3058,
0.3430

50.8991, 0.2988,
0.3593

56.6027, 0.3130,
0.3285

48.5988, 0.2921,
0.3773

60.0356, 0.3202,
0.3156

46.6447, 0.2861,
0.3970

63.8744, 0.3272,
0.3043

45.0192, 0.2810,
0.4182

67.5235, 0.3315,
0.2941

43.7030, 0.2773,
0.4403

68.1982, 0.3230,
0.2832

■ 42.6749, 0.2751,
0.4629

■ 68.8726, 0.3153,
0.2732

■ 41.9107, 0.2748,
0.4853

■ 41.3820, 0.2764,
0.5065

■ 41.0379, 0.2795,
0.5261

Harmonies

Analogous

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



53.5597, 0.3181, 0.3494



53.5597, 0.3058, 0.3430



53.5597, 0.2955, 0.3327

Triad

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



53.5597, 0.3058, 0.3430



53.5597, 0.2963, 0.3084



53.5597, 0.3363, 0.3358

Complementary

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



53.5597, 0.3058, 0.3430



47.9552, 0.3203, 0.3154

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.



53.5597, 0.3302, 0.3251



53.5597, 0.3058, 0.3430



53.5597, 0.3070, 0.3096

Square

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



53.5597, 0.3058, 0.3430



53.5597, 0.2900, 0.3127



53.5597, 0.3194, 0.3156



53.5597, 0.3359, 0.3449

Rectangle

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



53.5597, 0.3058, 0.3430



53.5597, 0.2910, 0.3251



53.5597, 0.3194, 0.3156



53.5597, 0.3349, 0.3322

Sweetspot

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



53.5620, 0.3058, 0.3430



98.2963, 0.3105, 0.3333



54.6038, 0.3204, 0.3528



20.9443, 0.3099, 0.3344



0.0000, 0.0000, 0.0000



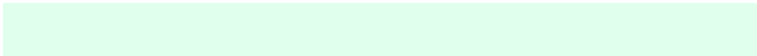
21.4041, 0.3127, 0.3290

Same Dimension

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



53.5620, 0.3058, 0.3430



93.5641, 0.3040, 0.3470



53.9785, 0.2992, 0.3310



11.9609, 0.3060, 0.3427



26.6937, 0.2790, 0.5243



1.2784, 0.2673, 0.4823

Inverse Universe

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



47.9552, 0.3203, 0.3154



81.2025, 0.3225, 0.3116



47.5568, 0.3281, 0.3271



10.7380, 0.3201, 0.3157



8.6216, 0.4615, 0.2316



0.4225, 0.4245, 0.2112

Previews

White Background



This preview shows how the Yxy color 53.5597, 0.3058, 0.3430 looks on a white background.

Color Contrast Check

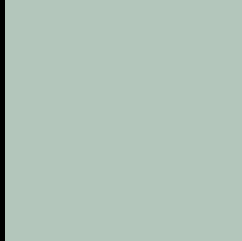
Large Text (above 18pt) WCAG AA × Fail

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 53.5597, 0.3058, 0.3430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

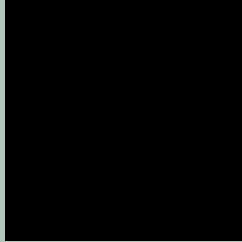
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

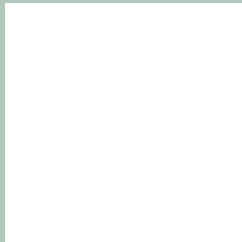
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.5597, 0.3058, 0.3430

Background



This preview shows how black text looks on a background with the Yxy color 53.5597, 0.3058, 0.3430.



This preview shows how white text looks on a background with the Yxy color 53.5597, 0.3058, 0.3430.

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

53.5597, 0.3058, 0.3430

Protanopia

53.3021, 0.3246, 0.3389

Deuteranopia

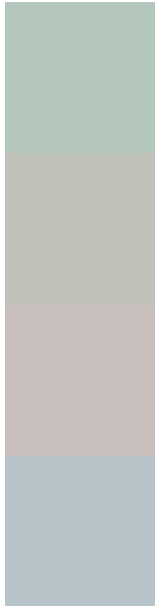
53.3609, 0.3330, 0.3267



Tritanopia

53.7506, 0.2928, 0.3105

Trichromacy



Original Color

53.5597, 0.3058, 0.3430

Protanomaly

53.2928, 0.3178, 0.3402

Deuteranomaly

53.3100, 0.3232, 0.3327

Tritanomaly

53.6892, 0.2976, 0.3215

Monochromacy



Original Color

53.5597, 0.3058, 0.3430

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

52.8661, 0.3101, 0.3340

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.5597, 0.3058, 0.3430 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(179, 198, 187)` looks like.

```
.text, #text, p{  
    color:rgb(179, 198, 187)  
}
```

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(179, 198, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 198, 187) }
```

Border

The CSS property to change the border of an element to Yxy 53.5597, 0.3058, 0.3430 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(179, 198, 187) }
```

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

```
.border{ border-color:rgb(179, 198, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 198, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 198, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 198, 187);  
box-shadow:4px 4px 4px 4px rgb(179, 198,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 53.5597, 0.3058, 0.3430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 198, 187) }
```

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

```
.background{ background-color: rgb(179,  
198, 187) }
```

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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