

Converting Colors

$Yxy(53.6330, 0.3139, 0.3592)$

Have a look what the booklet for
Yxy(53.6330, 0.3139, 0.3592)
contains.

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Color

Yxy(53.5651, 0.3137, 0.3586)

Conversions

Conversions Part 1

Format	Color
Hex	B3C7B0
RGB	179, 199, 176
RGB Percent	70%, 78%, 69%
CMY	0.2979, 0.2196, 0.3098
CMYK	0.10, 0.00, 0.12, 0.22
HSL	112°, 17%, 74%
HSV	112°, 12%, 78%
XYZ	46.8583, 53.5651, 48.9495
YIQ	190.3980, -4.5370, -11.3930

Conversions

Conversions Part 2

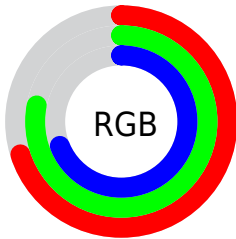
Format	Color
RYB	176, 199, 196
Decimal	11782064
CIELab	78.21, -11.08, 9.21
CIELCh	78, 14.409, 140.243
Yxy	53.5651, 0.3137, 0.3586
Android (android.graphics.Color)	4289972144 (0xFFB3C7B0)
YUV	190.3980, -7.0982, -9.9960
Hunter-Lab	73.1882, -13.7958, 11.5776

Details

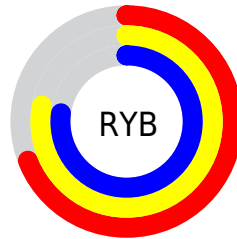
The Yxy color **53.5651, 0.3137, 0.3586** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.9096, 0.3114, 0.3007**, and the grayscale version is **51.7829, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.0084, 0.3135, 0.3521**, and **26.1165, 0.3140, 0.3677** is the 20% darker color. If you saturate the color by 10%, you get **50.9047, 0.3143, 0.3876**, and if you desaturate by 10%, it is **56.6035, 0.3129, 0.3327**.

Distribution



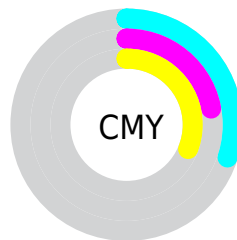
- Red (70%)
- Green (78%)
- Blue (69%)



- Red (69%)
- Yellow (78%)
- Blue (77%)



- Cyan (10%)
- Magenta (0%)
- Yellow (12%)
- Black (22%)





- Cyan (30%)
- Magenta (22%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.5651, 0.3137, 0.3586 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 53.5651, 0.3137, 0.3586 by changing the saturation by 10% instead.


 53.5651, 0.3137,
0.3586

 53.5651, 0.3137,
0.3586


400.4494, 0.3134,
0.3439

 38.2541, 0.3137,
0.3623


 95.4354, 0.3136,
0.3533

 26.1799, 0.3138,
0.3669


122.7634, 0.3136,
0.3513

 16.9583, 0.3138,
0.3732


154.8660, 0.3135,
0.3496

 10.2048, 0.3137,
0.3818

192.1274, 0.3135,
0.3481

 5.5349, 0.3134,
0.3946

234.9320, 0.3134,
0.3468

 2.5644, 0.3125,
0.4156

283.6643, 0.3134,

 0.9088, 0.3212,

0.3457

0.4920

338.7086, 0.3134,
0.3447

0.0000, 0.0000,
0.0000

53.5651, 0.3137,
0.3586

53.5651, 0.3137,
0.3586

50.9047, 0.3143,
0.3876

56.6035, 0.3129,
0.3327

48.6008, 0.3147,
0.4193

60.0267, 0.3119,
0.3099

46.6404, 0.3145,
0.4531

63.8501, 0.3109,
0.2900

45.0069, 0.3139,
0.4876

68.0465, 0.3102,
0.2733

43.6822, 0.3126,
0.5207

69.3235, 0.3153,
0.2742

■ 42.6467, 0.3107,
0.5502

■ 41.8783, 0.3082,
0.5736

■ 41.3515, 0.3055,
0.5894

■ 41.0663, 0.3033,
0.5973

Harmonies

Analogous

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



53.5651, 0.3325, 0.3630



53.5651, 0.3137, 0.3586



53.5651, 0.2951, 0.3455

Triad

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



53.5651, 0.3137, 0.3586



53.5651, 0.2800, 0.3000



53.5651, 0.3449, 0.3289

Complementary

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



53.5651, 0.3137, 0.3586



46.9096, 0.3114, 0.3007

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.



53.5651, 0.3301, 0.3132



53.5651, 0.3137, 0.3586



53.5651, 0.2926, 0.2967

Square

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



53.5651, 0.3137, 0.3586



53.5651, 0.2760, 0.3111



53.5651, 0.3108, 0.3016



53.5651, 0.3509, 0.3451

Rectangle

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



53.5651, 0.3137, 0.3586



53.5651, 0.2852, 0.3338



53.5651, 0.3108, 0.3016



53.5651, 0.3408, 0.3235

Sweetspot

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



53.5674, 0.3137, 0.3586



98.2791, 0.3130, 0.3364



54.7240, 0.3302, 0.3535



20.9396, 0.3131, 0.3384



0.0000, 0.0000, 0.0000



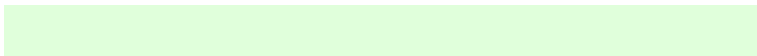
21.4041, 0.3127, 0.3290

Same Dimension

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



53.5674, 0.3137, 0.3586



92.4987, 0.3139, 0.3660



53.5542, 0.3053, 0.3477



11.9538, 0.3135, 0.3527



26.4306, 0.3038, 0.5969



1.2740, 0.3145, 0.5885

Inverse Universe

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



46.9096, 0.3114, 0.3007



78.4179, 0.3111, 0.2939



46.9393, 0.3209, 0.3110



10.7430, 0.3117, 0.3061



8.3743, 0.2881, 0.1361



0.4167, 0.2954, 0.1401

Previews

White Background



This preview shows how the Yxy color 53.5651, 0.3137, 0.3586 looks on a white background.

Color Contrast Check

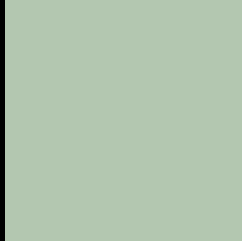
Large Text (above 18pt) WCAG AA × Fail

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 53.5651, 0.3137, 0.3586 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

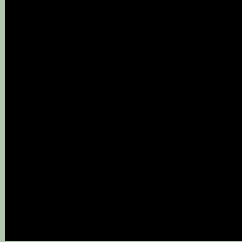
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

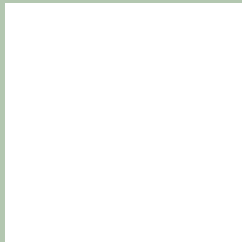
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.5651, 0.3137, 0.3586

Background



This preview shows how black text looks on a background with the Yxy color 53.5651, 0.3137, 0.3586.



This preview shows how white text looks on a background with the Yxy color 53.5651, 0.3137, 0.3586.

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

53.5651, 0.3137, 0.3586

Protanopia

53.5746, 0.3347, 0.3537

Deuteranopia

53.1242, 0.3449, 0.3374



Tritanopia

53.4271, 0.2935, 0.3093

Trichromacy



Original Color

53.5651, 0.3137, 0.3586

Protanomaly

53.4237, 0.3269, 0.3554

Deuteranomaly

53.1725, 0.3328, 0.3449

Tritanomaly

53.5022, 0.3004, 0.3265

Monochromacy



Original Color

53.5651, 0.3137, 0.3586

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

52.0818, 0.3130, 0.3391

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.5651, 0.3137, 0.3586 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, 199, 176)` looks like.

```
.text, #text, p{  
    color:rgb(179, 199, 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(179, 199, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 199, 176) }
```

Border

The CSS property to change the border of an element to Yxy 53.5651, 0.3137, 0.3586 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, 199, 176) }
```

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

```
.border{ border-color:rgb(179, 199, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 199, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 199, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 199, 176);  
box-shadow:4px 4px 4px 4px rgb(179, 199,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 53.5651, 0.3137, 0.3586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 199, 176) }
```

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

```
.background{ background-color: rgb(179,  
199, 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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