

Converting Colors

$Yxy(53.4660, 0.2979, 0.3602)$

Have a look what the booklet for
Yxy(53.4660, 0.2979, 0.3602)
contains.

Yxy(53.5436, 0.2978, 0.3608)	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(53.5436, 0.2978, 0.3608)

Conversions

Conversions Part 1

Format	Color
Hex	A1CBB3
RGB	161, 203, 179
RGB Percent	63%, 80%, 70%
CMY	0.3686, 0.2039, 0.2980
CMYK	0.21, 0.00, 0.12, 0.20
HSL	146°, 29%, 71%
HSV	146°, 21%, 80%
XYZ	44.1942, 53.5436, 50.6646
YIQ	187.7060, -17.3280, -16.3680

Conversions

Conversions Part 2

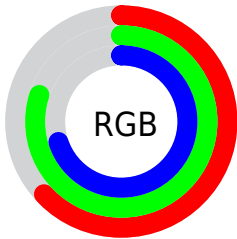
Format	Color
RYB	161, 190, 203
Decimal	10603443
CIELab	78.19, -18.65, 7.42
CIElCh	78, 20.077, 158.299
Yxy	53.5436, 0.2978, 0.3608
Android (android.graphics.Color)	4288793523 (0xFFA1CBB3)
YUV	187.7060, -4.2921, -23.4212
Hunter-Lab	73.1735, -20.2458, 10.1696

Details

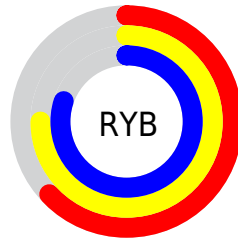
The Yxy color **53.5436, 0.2978, 0.3608** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **41.6938, 0.3311, 0.2992**, and the grayscale version is **50.1494, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.1171, 0.3002, 0.3497**, and **26.2525, 0.2941, 0.3709** is the 20% darker color. If you saturate the color by 10%, you get **51.1553, 0.2911, 0.3788**, and if you desaturate by 10%, it is **56.3182, 0.3049, 0.3445**.

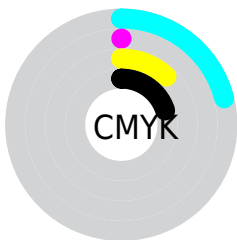
Distribution



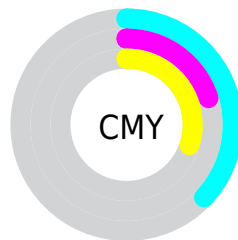
- Red (63%)
- Green (80%)
- Blue (70%)



- Red (63%)
- Yellow (75%)
- Blue (80%)



- Cyan (21%)
- Magenta (0%)
- Yellow (12%)
- Black (20%)




- Cyan (37%)
- Magenta (20%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.5436, 0.2978, 0.3608 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 53.5436, 0.2978, 0.3608 by changing the saturation by 10% instead.

 53.5436, 0.2978,
0.3608


 53.5436, 0.2978,
0.3608


400.3672, 0.3053,
0.3449

 38.2369, 0.2959,
0.3648


 95.4038, 0.3005,
0.3550

 26.1666, 0.2935,
0.3699


 122.7261, 0.3015,
0.3529

 16.9483, 0.2904,
0.3766


154.8223, 0.3024,
0.3510

 10.1977, 0.2859,
0.3861

192.0770, 0.3031,
0.3495

 5.5302, 0.2793,
0.4003

234.8744, 0.3038,
0.3481

 2.5616, 0.2683,
0.4236

283.5990, 0.3043,


 0.9074, 0.2282,


0.3469


0.5089


338.6351, 0.3048,
0.3458


 0.0000, 0.0000,
0.0000


 53.5436, 0.2978,
0.3608


 53.5436, 0.2978,
0.3608

 51.1553, 0.2911,
0.3788


 56.3182, 0.3049,
0.3445

 49.1292, 0.2851,
0.3985


 59.4887, 0.3122,
0.3299

 47.4486, 0.2801,
0.4195


 63.0727, 0.3195,
0.3170


 46.0929, 0.2764,
0.4415

 67.0847, 0.3267,
0.3057


 45.0391, 0.2745,
0.4639


 70.0854, 0.3279,
0.2951

 44.2613, 0.2744,
0.4860

 70.7851, 0.3196,
0.2841

 43.7286, 0.2762,
0.5070

 71.1916, 0.3151,
0.2782

 43.4009, 0.2792,
0.5250

Harmonies

Analogous

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



53.5436, 0.3246, 0.3749



53.5436, 0.2978, 0.3608



53.5436, 0.2757, 0.3372

Triad

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



53.5436, 0.2978, 0.3608



53.5436, 0.2766, 0.2849



53.5436, 0.3645, 0.3421

Complementary

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



53.5436, 0.2978, 0.3608



41.6938, 0.3311, 0.2992

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.



53.5436, 0.3506, 0.3196



53.5436, 0.2978, 0.3608



53.5436, 0.2992, 0.2875

Square

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



53.5436, 0.2978, 0.3608



53.5436, 0.2639, 0.2934



53.5436, 0.3263, 0.3001



53.5436, 0.3638, 0.3625

Rectangle

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



53.5436, 0.2978, 0.3608



53.5436, 0.2663, 0.3202



53.5436, 0.3263, 0.3001



53.5436, 0.3614, 0.3346

Sweetspot

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



53.5458, 0.2978, 0.3608



96.6627, 0.3083, 0.3376



55.6627, 0.3293, 0.3825



20.6153, 0.3078, 0.3386



0.0000, 0.0000, 0.0000



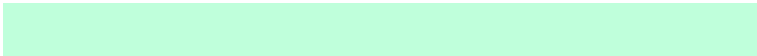
21.4041, 0.3127, 0.3290

Same Dimension

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



53.5458, 0.2978, 0.3608



87.7219, 0.2946, 0.3690



54.4371, 0.2844, 0.3334



12.6155, 0.3059, 0.3425



27.6377, 0.2785, 0.5224



1.4409, 0.2676, 0.4834

Inverse Universe

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



41.6938, 0.3311, 0.2992



64.2131, 0.3362, 0.2922



40.8903, 0.3503, 0.3247



11.3192, 0.3202, 0.3158



8.9000, 0.4645, 0.2333



0.4742, 0.4291, 0.2137

Previews

White Background



This preview shows how the Yxy color 53.5436, 0.2978, 0.3608 looks on a white background.

Color Contrast Check

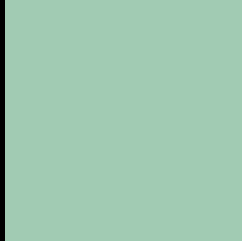
Large Text (above 18pt) WCAG AA × Fail

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 53.5436, 0.2978, 0.3608 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

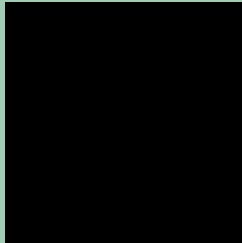
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

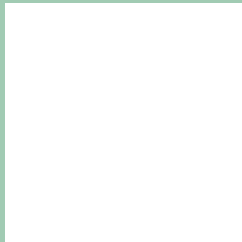
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.5436, 0.2978, 0.3608

Background



This preview shows how black text looks on a background with the Yxy color 53.5436, 0.2978, 0.3608.



This preview shows how white text looks on a background with the Yxy color 53.5436, 0.2978, 0.3608.

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

53.5436, 0.2978, 0.3608

Protanopia

53.1339, 0.3349, 0.3525

Deuteranopia

52.9423, 0.3407, 0.3338



Tritanopia

53.4587, 0.2788, 0.3088

Trichromacy



Original Color

53.5436, 0.2978, 0.3608

Protanomaly

53.0141, 0.3203, 0.3558

Deuteranomaly

52.6376, 0.3236, 0.3427

Tritanomaly

53.5249, 0.2859, 0.3276

Monochromacy



Original Color

53.5436, 0.2978, 0.3608

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

51.1077, 0.3066, 0.3393

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.5436, 0.2978, 0.3608 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(161, 203, 179)` looks like.

```
.text, #text, p{  
    color:rgb(161, 203, 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(161, 203, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 203, 179) }
```

Border

The CSS property to change the border of an element to Yxy 53.5436, 0.2978, 0.3608 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(161, 203, 179) }
```

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

```
.border{ border-color:rgb(161, 203, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 203, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 203, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 203, 179);  
box-shadow:4px 4px 4px 4px rgb(161, 203,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 53.5436, 0.2978, 0.3608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 203, 179) }
```

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

```
.background{ background-color: rgb(161,  
203, 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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