

Converting Colors

$Yxy(54.9978, 0.2845, 0.3784)$

Have a look what the booklet for
Yxy(54.9978, 0.2845, 0.3784)
contains.

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Color

Yxy(55.0020, 0.2845, 0.3784)

Conversions

Conversions Part 1

Format	Color
Hex	89D3AF
RGB	137, 211, 175
RGB Percent	54%, 83%, 69%
CMY	0.4626, 0.1726, 0.3137
CMYK	0.35, 0.00, 0.17, 0.17
HSL	151°, 46%, 68%
HSV	151°, 35%, 83%
XYZ	41.3532, 55.0020, 48.9989
YIQ	184.7700, -32.5480, -26.8840

Conversions

Conversions Part 2

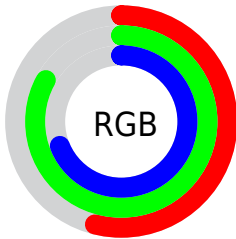
Format	Color
RYB	137, 186, 211
Decimal	9032623
CIELab	79.04, -30.79, 10.60
CIELCh	79, 32.567, 161.000
Yxy	55.0020, 0.2845, 0.3784
Android (android.graphics.Color)	4287222703 (0xFF89D3AF)
YUV	184.7700, -4.8166, -41.8943
Hunter-Lab	74.1633, -30.2548, 12.7421

Details

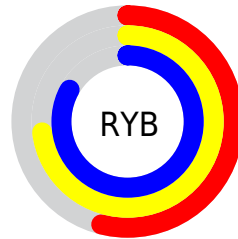
The Yxy color **55.0020, 0.2845, 0.3784** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **34.7676, 0.3551, 0.2848**, and the grayscale version is **48.4274, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.4960, 0.2885, 0.3550**, and **27.0918, 0.2764, 0.3917** is the 20% darker color. If you saturate the color by 10%, you get **53.0033, 0.2780, 0.3955**, and if you desaturate by 10%, it is **57.3846, 0.2919, 0.3625**.

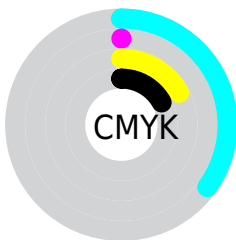
Distribution



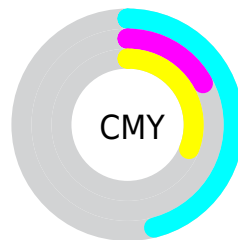
- Red (54%)
- Green (83%)
- Blue (69%)



- Red (54%)
- Yellow (73%)
- Blue (83%)



- Cyan (35%)
- Magenta (0%)
- Yellow (17%)
- Black (17%)




- Cyan (46%)
- Magenta (17%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.0020, 0.2845, 0.3784 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 55.0020, 0.2845, 0.3784 by changing the saturation by 10% instead.


 55.0020, 0.2845,
0.3784

 55.0020, 0.2845,
0.3784


405.9195, 0.2986,
0.3536

 39.4033, 0.2810,
0.3846


 97.5439, 0.2896,
0.3693

 27.0736, 0.2765,
0.3927


 125.2559, 0.2915,
0.3659

 17.6285, 0.2705,
0.4034


 157.7744, 0.2932,
0.3631

 10.6836, 0.2621,
0.4185

195.4840, 0.2946,
0.3606

 5.8545, 0.2497,
0.4411

238.7688, 0.2958,
0.3585

 2.7568, 0.2295,
0.4785

288.0135, 0.2968,

 1.0061, 0.1285,

0.3566

0.6472

343.6022, 0.2978,
0.3550

0.0000, 0.0000,
0.0000

55.0020, 0.2845,
0.3784

55.0020, 0.2845,
0.3784

53.0033, 0.2780,
0.3955

57.3846, 0.2919,
0.3625

51.3606, 0.2728,
0.4137

60.1638, 0.3000,
0.3481

50.0529, 0.2692,
0.4326

63.3597, 0.3084,
0.3350


49.0542, 0.2675,
0.4518

66.9895, 0.3170,
0.3234


48.3343, 0.2678,
0.4708

71.0689, 0.3255,
0.3131

 47.8564, 0.2700,
0.4890

 73.9390, 0.3274,
0.3035

 47.6773, 0.2716,
0.4976

 74.5551, 0.3203,
0.2937

 75.0674, 0.3147,
0.2861

Harmonies

Analogous

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



55.0020, 0.3266, 0.4035



55.0020, 0.2845, 0.3784



55.0020, 0.2514, 0.3376

Triad

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



55.0020, 0.2845, 0.3784



55.0020, 0.2581, 0.2595



55.0020, 0.3975, 0.3511

Complementary

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



55.0020, 0.2845, 0.3784



34.7676, 0.3551, 0.2848

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.



55.0020, 0.3768, 0.3164



55.0020, 0.2845, 0.3784



55.0020, 0.2942, 0.2657

Square

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



55.0020, 0.2845, 0.3784



55.0020, 0.2372, 0.2700



55.0020, 0.3380, 0.2861



55.0020, 0.3933, 0.3832

Rectangle

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



55.0020, 0.2845, 0.3784



55.0020, 0.2383, 0.3098



55.0020, 0.3380, 0.2861



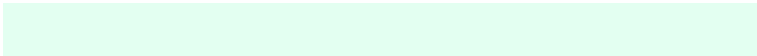
55.0020, 0.3932, 0.3395

Sweetspot

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



55.0043, 0.2845, 0.3784



94.2147, 0.3033, 0.3428



57.3951, 0.3352, 0.4250



20.0253, 0.3021, 0.3446



0.0000, 0.0000, 0.0000



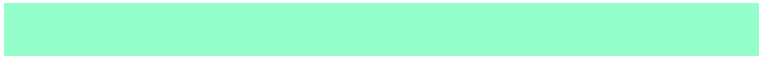
21.4041, 0.3127, 0.3290

Same Dimension

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



55.0043, 0.2845, 0.3784



82.1131, 0.2796, 0.3910



56.6117, 0.2636, 0.3289



13.3062, 0.3047, 0.3405



28.7947, 0.2708, 0.4950



1.6260, 0.2617, 0.4620

Inverse Universe

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



34.7676, 0.3551, 0.2848



46.5790, 0.3679, 0.2753



33.5567, 0.3957, 0.3292



11.9027, 0.3215, 0.3177



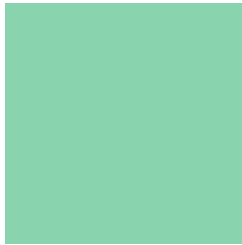
8.9653, 0.5001, 0.2529



0.5173, 0.4586, 0.2300

Previews

White Background



This preview shows how the Yxy color 55.0020, 0.2845, 0.3784 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 55.0020, 0.2845, 0.3784 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

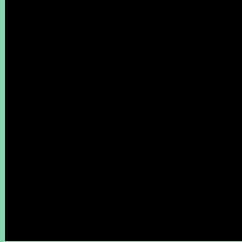
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

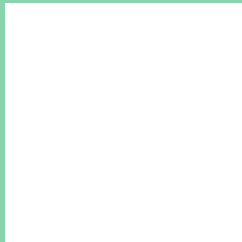
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.0020, 0.2845, 0.3784

Background



This preview shows how black text looks on a background with the Yxy color 55.0020, 0.2845, 0.3784.



This preview shows how white text looks on a background with the Yxy color 55.0020, 0.2845, 0.3784.

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

55.0020, 0.2845, 0.3784

Protanopia

54.3527, 0.3426, 0.3620

Deuteranopia

54.3218, 0.3454, 0.3385



Tritanopia

55.0861, 0.2627, 0.3085

Trichromacy



Original Color

55.0020, 0.2845, 0.3784



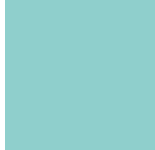
Protanomaly

53.9141, 0.3187, 0.3677



Deuteranomaly

53.5130, 0.3205, 0.3517



Tritanomaly

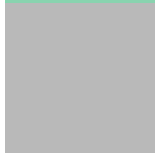
54.8249, 0.2704, 0.3328

Monochromacy



Original Color

55.0020, 0.2845, 0.3784



Achromatopsia

48.5150, 0.3127, 0.3290



Achromatomaly

50.2446, 0.3017, 0.3462

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.0020, 0.2845, 0.3784 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(137, 211, 175)` looks like.

```
.text, #text, p{  
    color:rgb(137, 211, 175)  
}
```

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(137, 211, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 211, 175) }
```

Border

The CSS property to change the border of an element to Yxy 55.0020, 0.2845, 0.3784 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(137, 211, 175) }
```

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

```
.border{ border-color:rgb(137, 211, 175) }
```

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

Here you see how a box with a 4 pixel rgb(137, 211, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 211, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 211, 175);  
box-shadow:4px 4px 4px 4px rgb(137, 211,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 55.0020, 0.2845, 0.3784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 211, 175) }
```

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

```
.background{ background-color: rgb(137,  
211, 175) }
```

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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