

Converting Colors

Yxy(54.3066, 0.2858, 0.3943)

Have a look what the booklet for
Yxy(54.3066, 0.2858, 0.3943)
contains.

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Color

Yxy(54.4707, 0.2856, 0.3950)

Conversions

Conversions Part 1

Format	Color
Hex	81D4A5
RGB	129, 212, 165
RGB Percent	51%, 83%, 65%
CMY	0.4943, 0.1686, 0.3529
CMYK	0.39, 0.00, 0.22, 0.17
HSL	146°, 49%, 67%
HSV	146°, 39%, 83%
XYZ	39.3844, 54.4707, 44.0454
YIQ	181.8250, -34.3810, -32.2130

Conversions

Conversions Part 2

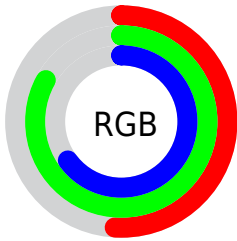
Format	Color
RYB	129, 187, 212
Decimal	8508581
CIELab	78.74, -35.58, 15.42
CIELCh	79, 38.779, 156.565
Yxy	54.4707, 0.2856, 0.3950
Android (android.graphics.Color)	4286698661 (0xFF81D4A5)
YUV	181.8250, -8.2947, -46.3275
Hunter-Lab	73.8043, -33.9040, 16.2795

Details

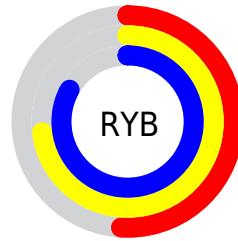
The Yxy color **54.4707, 0.2856, 0.3950** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **32.8192, 0.3546, 0.2718**, and the grayscale version is **46.7352, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.0016, 0.2903, 0.3678**, and **26.8021, 0.2777, 0.4149** is the 20% darker color. If you saturate the color by 10%, you get **52.5655, 0.2804, 0.4157**, and if you desaturate by 10%, it is **56.7657, 0.2918, 0.3757**.

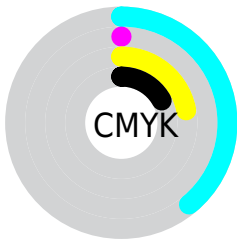
Distribution



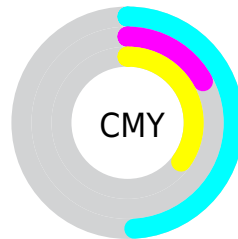
- Red (51%)
- Green (83%)
- Blue (65%)



- Red (51%)
- Yellow (73%)
- Blue (83%)



- Cyan (39%)
- Magenta (0%)
- Yellow (22%)
- Black (17%)





- Cyan (49%)
- Magenta (17%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.4707, 0.2856, 0.3950 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 54.4707, 0.2856, 0.3950 by changing the saturation by 10% instead.

 54.4707, 0.2856,
0.3950


 54.4707, 0.2856,
0.3950


403.9024, 0.2995,
0.3614

 38.9781, 0.2820,
0.4036

 96.7650, 0.2907,
0.3827

 26.7427, 0.2774,
0.4146


 124.3355, 0.2926,
0.3781

 17.3801, 0.2711,
0.4295


 156.7008, 0.2942,
0.3742

 10.5058, 0.2622,
0.4505

194.2452, 0.2956,
0.3709

 5.7356, 0.2486,
0.4824

237.3532, 0.2968,
0.3680

 2.6850, 0.2256,
0.5357

286.4091, 0.2978,

 0.9696, 0.0496,

0.3656

0.9504

341.7974, 0.2987,
0.3634

0.0000, 0.0000,
0.0000

54.4707, 0.2856,
0.3950

54.4707, 0.2856,
0.3950

52.5655, 0.2804,
0.4157

56.7657, 0.2918,
0.3757

51.0208, 0.2765,
0.4375

59.4645, 0.2987,
0.3580

49.8139, 0.2742,
0.4597

62.5886, 0.3059,
0.3421

48.9162, 0.2738,
0.4817


66.1558, 0.3133,
0.3279


48.2945, 0.2754,
0.5028

70.1830, 0.3207,
0.3153

 47.8946, 0.2786,
0.5222

 74.4656, 0.3271,
0.3042

 47.8659, 0.2788,
0.5238

 75.1903, 0.3188,
0.2927

 75.5720, 0.3147,
0.2871

Harmonies

Analogous

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



54.4707, 0.3360, 0.4210



54.4707, 0.2856, 0.3950



54.4707, 0.2446, 0.3465

Triad

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



54.4707, 0.2856, 0.3950



54.4707, 0.2432, 0.2477



54.4707, 0.4123, 0.3479

Complementary

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



54.4707, 0.2856, 0.3950



32.8192, 0.3546, 0.2718

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.



54.4707, 0.3835, 0.3079



54.4707, 0.2856, 0.3950



54.4707, 0.2832, 0.2526

Square

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



54.4707, 0.2856, 0.3950



54.4707, 0.2221, 0.2622



54.4707, 0.3347, 0.2741



54.4707, 0.4112, 0.3871

Rectangle

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



54.4707, 0.2856, 0.3950



54.4707, 0.2274, 0.3123



54.4707, 0.3347, 0.2741



54.4707, 0.4058, 0.3343

Sweetspot

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



54.4729, 0.2856, 0.3950



93.5860, 0.3038, 0.3466



57.9081, 0.3418, 0.4359



19.8946, 0.3028, 0.3487



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.



54.4729, 0.2856, 0.3950



80.2797, 0.2812, 0.4122



56.2348, 0.2618, 0.3362



13.9846, 0.3057, 0.3425



29.5662, 0.2781, 0.5212



1.7997, 0.2686, 0.4870

Inverse Universe

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



32.8192, 0.3546, 0.2718



42.9394, 0.3674, 0.2599



31.4219, 0.4035, 0.3223



12.5373, 0.3204, 0.3159



9.4977, 0.4672, 0.2347



0.5893, 0.4351, 0.2170

Previews

White Background



This preview shows how the Yxy color 54.4707, 0.2856, 0.3950 looks on a white background.

Color Contrast Check

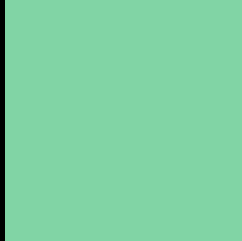
Large Text (above 18pt) WCAG AA × Fail

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 54.4707, 0.2856, 0.3950 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 54.4707, 0.2856, 0.3950

Background



This preview shows how black text looks on a background with the Yxy color 54.4707, 0.2856, 0.3950.



This preview shows how white text looks on a background with the Yxy color 54.4707, 0.2856, 0.3950.

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

54.4707, 0.2856, 0.3950

Protanopia

54.1057, 0.3522, 0.3755

Deuteranopia

53.8151, 0.3557, 0.3490



Tritanopia

54.1570, 0.2596, 0.3070

Trichromacy



Original Color

54.4707, 0.2856, 0.3950



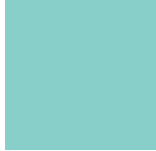
Protanomaly

53.7415, 0.3250, 0.3838



Deuteranomaly

52.9984, 0.3272, 0.3647



Tritanomaly

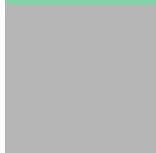
54.1611, 0.2685, 0.3369

Monochromacy



Original Color

54.4707, 0.2856, 0.3950



Achromatopsia

46.7784, 0.3127, 0.3290



Achromatomaly

49.0610, 0.3014, 0.3519

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.4707, 0.2856, 0.3950 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(129, 212, 165)` looks like.

```
.text, #text, p{  
    color:rgb(129, 212, 165)  
}
```

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(129, 212, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 212, 165) }
```

Border

The CSS property to change the border of an element to Yxy 54.4707, 0.2856, 0.3950 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(129, 212, 165) }
```

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

```
.border{ border-color:rgb(129, 212, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 212, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 212, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 212, 165);  
box-shadow:4px 4px 4px 4px rgb(129, 212,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 54.4707, 0.2856, 0.3950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 212, 165) }
```

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

```
.background{ background-color: rgb(129,  
212, 165) }
```

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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