

Converting Colors

$Yxy(43.9698, 0.2556, 0.3743)$

Have a look what the booklet for
Yxy(43.9698, 0.2556, 0.3743)
contains.

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Color

Yxy(43.9753, 0.2556, 0.3744)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 50C4A7 |
| RGB | 80, 196, 167 |
| RGB Percent | 31%, 77%, 65% |
| CMY | 0.6863, 0.2314, 0.3451 |
| CMYK | 0.59, 0.00, 0.15, 0.23 |
| HSL | 165°, 50%, 54% |
| HSV | 165°, 59%, 77% |
| XYZ | 30.0216, 43.9753, 43.4585 |
| YIQ | 158.0100, -59.8270, -33.6110 |

Conversions

Conversions Part 2

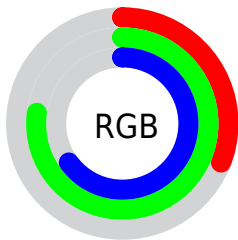
| Format | Color |
|-------------------------------------|--|
| RYB | 80, 146, 196 |
| Decimal | 5293223 |
| CIELab | 72.21, -39.71, 4.84 |
| CIElCh | 72, 40.003, 173.058 |
| Yxy | 43.9753, 0.2556, 0.3744 |
| Android (android.graphics.Color) | 4283483303 (0xFF50C4A7) |
| YUV | 158.0100, 4.4321, -68.4148 |
| Hunter-Lab | 66.3139, -35.2388, 7.5643 |

Details

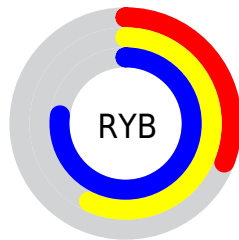
The Yxy color **43.9753, 0.2556, 0.3744** is a light color, and the websafe version is hex **66CC99**. The color can be described as light muted spring green. A complement of this color would be **18.5773, 0.4469, 0.2924**, and the grayscale version is **34.1962, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.0135, 0.2660, 0.3656**, and **20.2876, 0.2409, 0.3873** is the 20% darker color. If you saturate the color by 10%, you get **43.0669, 0.2508, 0.3836**, and if you desaturate by 10%, it is **45.1429, 0.2622, 0.3655**.

Distribution



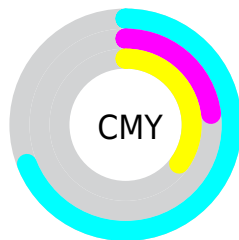
- Red (31%)
- Green (77%)
- Blue (65%)



- Red (31%)
- Yellow (57%)
- Blue (77%)



- Cyan (59%)
- Magenta (0%)
- Yellow (15%)
- Black (23%)





- Cyan (69%)
- Magenta (23%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.9753, 0.2556, 0.3744 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 43.9753, 0.2556, 0.3744 by changing the saturation by 10% instead.


 43.9753, 0.2556,
0.3744

 43.9753, 0.2556,
0.3744


362.6075, 0.2845,
0.3510

 30.6511, 0.2483,
0.3805


 81.1806, 0.2662,
0.3657


 20.3333, 0.2388,
0.3883


 105.8304, 0.2701,
0.3625

 12.6376, 0.2262,
0.3991


 135.0243, 0.2735,
0.3599

 7.1794, 0.2085,
0.4145

 169.1465, 0.2763,
0.3576

 3.5746, 0.1821,
0.4383

208.5816, 0.2788,
0.3556

 1.4386, 0.1089,
0.4963

253.7138, 0.2809,

 0.2449, 0.0000,

0.3539

1.0000

304.9277, 0.2828,
0.3524

■ 0.0000, 0.0000,
0.0000

■ 43.9753, 0.2556,
0.3744

■ 43.9753, 0.2556,
0.3744

■ 43.0669, 0.2508,
0.3836

■ 45.1429, 0.2622,
0.3655

■ 42.3900, 0.2479,
0.3929

■ 46.5841, 0.2704,
0.3570

■ 41.9200, 0.2470,
0.4022

■ 48.3185, 0.2800,
0.3490

■ 41.6110, 0.2478,
0.4114

■ 50.3622, 0.2906,
0.3415

■ 41.5882, 0.2478,
0.4122

■ 52.7305, 0.3019,
0.3347

■ 55.4373, 0.3137,
0.3285

■ 58.4957, 0.3257,
0.3230

■ 61.9184, 0.3378,
0.3180

■ 65.4510, 0.3486,
0.3136

Harmonies

Analogous

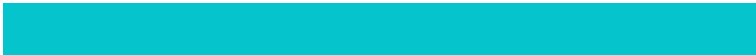
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



43.9753, 0.3068, 0.4202



43.9753, 0.2556, 0.3744



43.9753, 0.2215, 0.3163

Triad

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



43.9753, 0.2556, 0.3744



43.9753, 0.2580, 0.2404



43.9753, 0.4265, 0.3733

Complementary

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



43.9753, 0.2556, 0.3744



18.5773, 0.4469, 0.2924

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.



43.9753, 0.4125, 0.3290



43.9753, 0.2556, 0.3744



43.9753, 0.3103, 0.2563

Square

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



43.9753, 0.2556, 0.3744



43.9753, 0.2232, 0.2440



43.9753, 0.3683, 0.2876



43.9753, 0.4068, 0.4121

Rectangle

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



43.9753, 0.2556, 0.3744



43.9753, 0.2115, 0.2829



43.9753, 0.3683, 0.2876



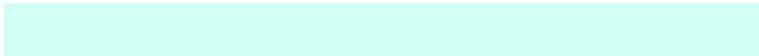
43.9753, 0.4257, 0.3587

Sweetspot

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



43.9770, 0.2556, 0.3744



91.5924, 0.2916, 0.3409



43.4363, 0.3237, 0.5069



19.3541, 0.2883, 0.3430



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.



43.9770, 0.2556, 0.3744



77.6128, 0.2497, 0.3863



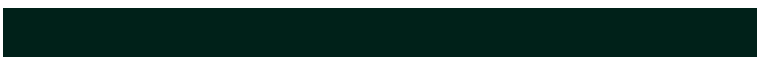
34.0431, 0.2310, 0.2865



11.3840, 0.3017, 0.3348



26.7350, 0.2475, 0.4109



1.1656, 0.2418, 0.3903

Inverse Universe

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



18.5773, 0.4469, 0.2924



27.4884, 0.4957, 0.2897



22.8442, 0.4697, 0.3640



10.1183, 0.3250, 0.3233



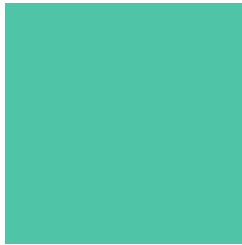
7.6952, 0.5905, 0.3026



0.3440, 0.5251, 0.2666

Previews

White Background



This preview shows how the Yxy color 43.9753, 0.2556, 0.3744 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 43.9753, 0.2556, 0.3744 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

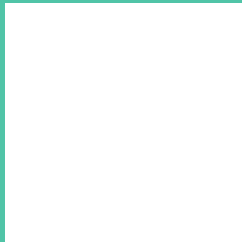
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.9753, 0.2556, 0.3744

Background



This preview shows how black text looks on a background with the Yxy color 43.9753, 0.2556, 0.3744.



This preview shows how white text looks on a background with the Yxy color 43.9753, 0.2556, 0.3744.

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

43.9753, 0.2556, 0.3744

Protanopia

43.2506, 0.3369, 0.3546

Deuteranopia

43.2359, 0.3322, 0.3252



Tritanopia

44.0975, 0.2395, 0.3071

Trichromacy



Original Color

43.9753, 0.2556, 0.3744



Protanomaly

42.5160, 0.2996, 0.3626



Deuteranomaly

41.9528, 0.2970, 0.3404



Tritanomaly

44.0695, 0.2451, 0.3303

Monochromacy



Original Color

43.9753, 0.2556, 0.3744



Achromatopsia

34.1914, 0.3127, 0.3290



Achromatomaly

36.8241, 0.2855, 0.3460

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.9753, 0.2556, 0.3744 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(80, 196, 167)` looks like.

```
.text, #text, p{  
    color:rgb(80, 196, 167)  
}
```

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(80, 196, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 196, 167) }
```

Border

The CSS property to change the border of an element to Yxy 43.9753, 0.2556, 0.3744 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(80, 196, 167) }
```

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

```
.border{ border-color:rgb(80, 196, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 196, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 196, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 196, 167);  
box-shadow:4px 4px 4px 4px rgb(80, 196,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 43.9753, 0.2556, 0.3744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 196, 167) }
```

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

```
.background{ background-color: rgb(80, 196,  
167) }
```

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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