

Converting Colors

$Yxy(44.5055, 0.2673, 0.4034)$

Have a look what the booklet for
Yxy(44.5055, 0.2673, 0.4034)
contains.

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Color

Yxy(44.5538, 0.2674, 0.4036)

Conversions

Conversions Part 1

Format	Color
Hex	55C697
RGB	85, 198, 151
RGB Percent	33%, 78%, 59%
CMY	0.6671, 0.2235, 0.4079
CMYK	0.57, 0.00, 0.24, 0.22
HSL	155°, 50%, 55%
HSV	155°, 57%, 78%
XYZ	29.5185, 44.5538, 36.3186
YIQ	158.8550, -52.2610, -38.5730

Conversions

Conversions Part 2

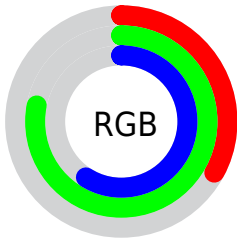
Format	Color
RYB	85, 156, 198
Decimal	5621399
CIELab	72.60, -43.28, 14.05
CIElCh	73, 45.506, 162.015
Yxy	44.5538, 0.2674, 0.4036
Android (android.graphics.Color)	4283811479 (0xFF55C697)
YUV	158.8550, -3.8725, -64.7708
Hunter-Lab	66.7486, -37.8712, 14.4637

Details

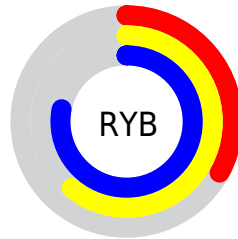
The Yxy color **44.5538, 0.2674, 0.4036** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **20.1521, 0.4097, 0.2690**, and the grayscale version is **34.6256, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.7674, 0.2762, 0.3887**, and **20.5973, 0.2530, 0.4276** is the 20% darker color. If you saturate the color by 10%, you get **43.4980, 0.2636, 0.4196**, and if you desaturate by 10%, it is **45.8910, 0.2729, 0.3882**.

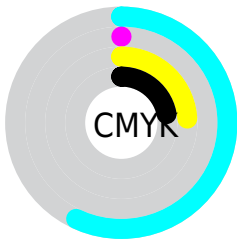
Distribution



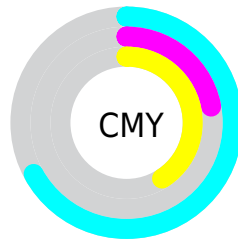
- Red (33%)
- Green (78%)
- Blue (59%)



- Red (33%)
- Yellow (61%)
- Blue (78%)



- Cyan (57%)
- Magenta (0%)
- Yellow (24%)
- Black (22%)





- Cyan (67%)
- Magenta (22%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.5538, 0.2674, 0.4036 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 44.5538, 0.2674, 0.4036 by changing the saturation by 10% instead.

 44.5538, 0.2674,
0.4036


 44.5538, 0.2674,
0.4036


364.9634, 0.2910,
0.3642

 31.1061, 0.2612,
0.4141


 82.0504, 0.2762,
0.3888


 20.6797, 0.2531,
0.4280


 106.8682, 0.2795,
0.3834

 12.8901, 0.2419,
0.4473


 136.2447, 0.2822,
0.3789

 7.3529, 0.2258,
0.4756

 170.5645, 0.2845,
0.3750

 3.6838, 0.2005,
0.5210

210.2118, 0.2865,
0.3718

 1.4983, 0.1167,
0.6505

255.5712, 0.2882,

 0.2875, 0.0000,

0.3689

1.0000

307.0269, 0.2897,
0.3664

0.0000, 0.0000,
0.0000

44.5538, 0.2674,
0.4036

44.5538, 0.2674,
0.4036

43.4980, 0.2636,
0.4196

45.8910, 0.2729,
0.3882

42.6957, 0.2616,
0.4358

47.5243, 0.2799,
0.3736

42.1221, 0.2618,
0.4519

49.4736, 0.2879,
0.3601

41.7414, 0.2638,
0.4676

51.7556, 0.2967,
0.3476

41.6491, 0.2645,
0.4721

54.3858, 0.3059,
0.3363

■ 57.3786, 0.3155,
0.3262

■ 60.7477, 0.3250,
0.3172

■ 64.5060, 0.3345,
0.3093

■ 67.0953, 0.3374,
0.3017

Harmonies

Analogous

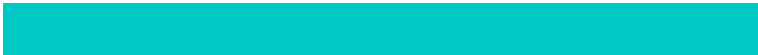
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



44.5538, 0.3285, 0.4435



44.5538, 0.2674, 0.4036



44.5538, 0.2214, 0.3379

Triad

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



44.5538, 0.2674, 0.4036



44.5538, 0.2342, 0.2289



44.5538, 0.4402, 0.3591

Complementary

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



44.5538, 0.2674, 0.4036



20.1521, 0.4097, 0.2690

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.



44.5538, 0.4107, 0.3104



44.5538, 0.2674, 0.4036



44.5538, 0.2862, 0.2392

Square

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



44.5538, 0.2674, 0.4036



44.5538, 0.2046, 0.2409



44.5538, 0.3517, 0.2681



44.5538, 0.4306, 0.4065

Rectangle

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



44.5538, 0.2674, 0.4036



44.5538, 0.2042, 0.2958



44.5538, 0.3517, 0.2681



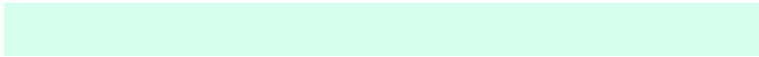
44.5538, 0.4347, 0.3426

Sweetspot

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



44.5556, 0.2674, 0.4036



91.5784, 0.2966, 0.3478



45.9571, 0.3368, 0.4936



19.4150, 0.2947, 0.3502



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.



44.5556, 0.2674, 0.4036



76.5561, 0.2628, 0.4243



42.2227, 0.2388, 0.3147



11.9901, 0.3038, 0.3388



27.0983, 0.2639, 0.4700



1.2973, 0.2548, 0.4373

Inverse Universe

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



20.1521, 0.4097, 0.2690



29.1324, 0.4454, 0.2609



20.7249, 0.4769, 0.3413



10.7088, 0.3226, 0.3194



8.2231, 0.5292, 0.2689



0.4037, 0.4754, 0.2392

Previews

White Background



This preview shows how the Yxy color 44.5538, 0.2674, 0.4036 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 44.5538, 0.2674, 0.4036 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 44.5538, 0.2674, 0.4036

Background



This preview shows how black text looks on a background with the Yxy color 44.5538, 0.2674, 0.4036.



This preview shows how white text looks on a background with the Yxy color 44.5538, 0.2674, 0.4036.

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

44.5538, 0.2674, 0.4036

Protanopia

44.0587, 0.3532, 0.3770

Deuteranopia

43.6013, 0.3532, 0.3457



Tritanopia

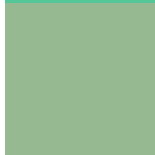
44.5426, 0.2432, 0.3073

Trichromacy



Original Color

44.5538, 0.2674, 0.4036



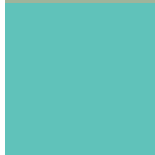
Protanomaly

43.3216, 0.3149, 0.3874



Deuteranomaly

42.3800, 0.3145, 0.3648



Tritanomaly

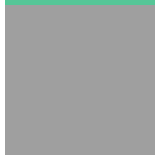
44.6155, 0.2519, 0.3408

Monochromacy



Original Color

44.5538, 0.2674, 0.4036



Achromatopsia

34.6704, 0.3127, 0.3290



Achromatomaly

37.1930, 0.2910, 0.3553

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.5538, 0.2674, 0.4036 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(85, 198, 151)` looks like.

```
.text, #text, p{  
    color:rgb(85, 198, 151)  
}
```

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(85, 198, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 198, 151) }
```

Border

The CSS property to change the border of an element to Yxy 44.5538, 0.2674, 0.4036 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(85, 198, 151) }
```

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

```
.border{ border-color:rgb(85, 198, 151) }
```

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

Here you see how a box with a 4 pixel rgb(85, 198, 151) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 198, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 198, 151);  
box-shadow:4px 4px 4px 4px rgb(85, 198,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 44.5538, 0.2674, 0.4036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 198, 151) }
```

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

```
.background{ background-color: rgb(85, 198,  
151) }
```

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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