

Converting Colors

$Yxy(44.5722, 0.2728, 0.3855)$

Have a look what the booklet for
Yxy(44.5722, 0.2728, 0.3855)
contains.

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Color

$\text{Yxy}(44.5021, 0.2733, 0.3860)$

Conversions

Conversions Part 1

Format	Color
Hex	69C39E
RGB	105, 195, 158
RGB Percent	41%, 76%, 62%
CMY	0.5884, 0.2353, 0.3804
CMYK	0.46, 0.00, 0.19, 0.24
HSL	155°, 43%, 59%
HSV	155°, 46%, 76%
XYZ	31.5089, 44.5021, 39.2794
YIQ	163.8720, -41.7630, -30.5870

Conversions

Conversions Part 2

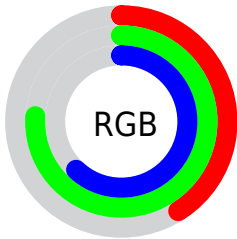
Format	Color
RYB	105, 162, 195
Decimal	6931358
CIELab	72.56, -35.69, 10.32
CIELCh	73, 37.152, 163.872
Yxy	44.5021, 0.2733, 0.3860
Android (android.graphics.Color)	4285121438 (0xFF69C39E)
YUV	163.8720, -2.8949, -51.6307
Hunter-Lab	66.7099, -32.4320, 11.7864

Details

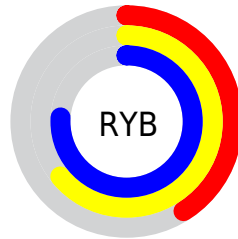
The Yxy color **44.5021, 0.2733, 0.3860** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **23.6496, 0.3838, 0.2798**, and the grayscale version is **37.0855, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.0020, 0.2808, 0.3743**, and **20.7397, 0.2609, 0.4039** is the 20% darker color. If you saturate the color by 10%, you get **43.1889, 0.2676, 0.4011**, and if you desaturate by 10%, it is **46.1076, 0.2804, 0.3717**.

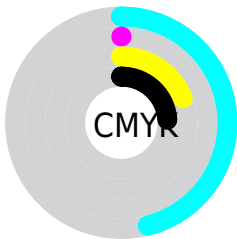
Distribution



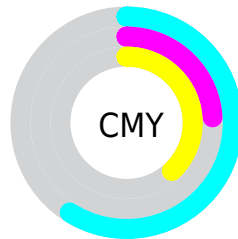
- Red (41%)
- Green (76%)
- Blue (62%)



- Red (41%)
- Yellow (64%)
- Blue (76%)



- Cyan (46%)
- Magenta (0%)
- Yellow (19%)
- Black (24%)





- Cyan (59%)
- Magenta (24%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.5021, 0.2733, 0.3860 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 44.5021, 0.2733, 0.3860 by changing the saturation by 10% instead.


 44.5021, 0.2733,
0.3860

 44.5021, 0.2733,
0.3860

364.7533, 0.2936,
0.3562


 31.0654, 0.2680,
0.3939


 81.9728, 0.2808,
0.3749

 20.6487, 0.2611,
0.4042


 106.7755, 0.2836,
0.3708

 12.8674, 0.2518,
0.4185


 136.1358, 0.2860,
0.3674

 7.3373, 0.2383,
0.4393

 170.4379, 0.2879,
0.3645

 3.6739, 0.2175,
0.4724

210.0664, 0.2897,
0.3620

 1.4929, 0.1647,
0.5456

255.4055, 0.2912,

 0.2837, 0.0000,

0.3598

1.0000

306.8397, 0.2925,
0.3579

■ 0.0000, 0.0000,
0.0000

■ 44.5021, 0.2733,
0.3860

■ 44.5021, 0.2733,
0.3860

■ 43.1889, 0.2676,
0.4011

■ 46.1076, 0.2804,
0.3717

■ 42.1435, 0.2635,
0.4168

■ 48.0173, 0.2885,
0.3584

■ 41.3462, 0.2614,
0.4329

■ 50.2488, 0.2974,
0.3463

■ 40.7719, 0.2612,
0.4488


■ 52.8171, 0.3068,
0.3352

■ 40.3891, 0.2630,
0.4644

■ 55.7360, 0.3164,
0.3254

 40.2694, 0.2640,
0.4702

 59.0184, 0.3260,
0.3166

 62.6769, 0.3355,
0.3088

 65.5742, 0.3401,
0.3015

 66.0144, 0.3339,
0.2936

Harmonies

Analogous

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



44.5021, 0.3237, 0.4199



44.5021, 0.2733, 0.3860



44.5021, 0.2355, 0.3337

Triad

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



44.5021, 0.2733, 0.3860



44.5021, 0.2499, 0.2454



44.5021, 0.4174, 0.3584

Complementary

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



44.5021, 0.2733, 0.3860



23.6496, 0.3838, 0.2798

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.



44.5021, 0.3949, 0.3169



44.5021, 0.2733, 0.3860



44.5021, 0.2946, 0.2548

Square

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



44.5021, 0.2733, 0.3860



44.5021, 0.2233, 0.2551



44.5021, 0.3483, 0.2803



44.5021, 0.4087, 0.3969

Rectangle

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



44.5021, 0.2733, 0.3860



44.5021, 0.2215, 0.3001



44.5021, 0.3483, 0.2803



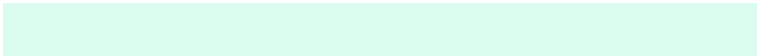
44.5021, 0.4133, 0.3444

Sweetspot

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



44.5039, 0.2733, 0.3860



90.8407, 0.2992, 0.3440



45.8466, 0.3344, 0.4603



19.6839, 0.2972, 0.3465



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.



44.5039, 0.2733, 0.3860



77.4128, 0.2677, 0.4006



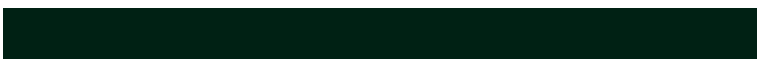
42.6965, 0.2497, 0.3178



11.3561, 0.3038, 0.3386



26.1873, 0.2634, 0.4681



1.1449, 0.2538, 0.4336

Inverse Universe

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



23.6496, 0.3838, 0.2798



35.6518, 0.4071, 0.2708



24.3129, 0.4314, 0.3394



10.1450, 0.3226, 0.3196



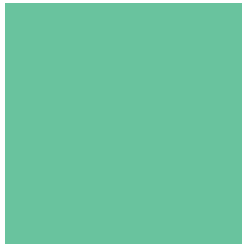
7.9342, 0.5308, 0.2698



0.3565, 0.4729, 0.2379

Previews

White Background



This preview shows how the Yxy color 44.5021, 0.2733, 0.3860 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 44.5021, 0.2733, 0.3860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

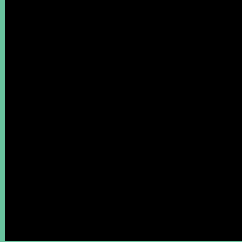
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.5021, 0.2733, 0.3860

Background



This preview shows how black text looks on a background with the Yxy color 44.5021, 0.2733, 0.3860.



This preview shows how white text looks on a background with the Yxy color 44.5021, 0.2733, 0.3860.

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

44.5021, 0.2733, 0.3860

Protanopia

44.1790, 0.3453, 0.3664

Deuteranopia

43.9123, 0.3456, 0.3393



Tritanopia

44.5367, 0.2517, 0.3076

Trichromacy



Original Color

44.5021, 0.2733, 0.3860

Protanomaly

43.7161, 0.3148, 0.3748

Deuteranomaly

43.2151, 0.3149, 0.3556

Tritanomaly

44.3602, 0.2596, 0.3347

Monochromacy



Original Color

44.5021, 0.2733, 0.3860

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

39.1082, 0.2955, 0.3483

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.5021, 0.2733, 0.3860 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(105, 195, 158)` looks like.

```
.text, #text, p{  
    color:rgb(105, 195, 158)  
}
```

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(105, 195, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 195, 158) }
```

Border

The CSS property to change the border of an element to Yxy 44.5021, 0.2733, 0.3860 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(105, 195, 158) }
```

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

```
.border{ border-color:rgb(105, 195, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 195, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 195, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 195, 158);  
box-shadow:4px 4px 4px 4px rgb(105, 195,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 44.5021, 0.2733, 0.3860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 195, 158) }
```

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

```
.background{ background-color: rgb(105,  
195, 158) }
```

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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