

Converting Colors

$Yxy(43.8985, 0.2791, 0.3843)$

Have a look what the booklet for
Yxy(43.8985, 0.2791, 0.3843)
contains.

Yxy(44.0509, 0.2791, 0.3857)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(44.0509, 0.2791, 0.3857)

Conversions

Conversions Part 1

Format	Color
Hex	71C19C
RGB	113, 193, 156
RGB Percent	44%, 76%, 61%
CMY	0.5571, 0.2431, 0.3882
CMYK	0.41, 0.00, 0.19, 0.24
HSL	152°, 39%, 60%
HSV	152°, 41%, 76%
XYZ	31.8761, 44.0509, 38.2833
YIQ	164.8620, -35.8030, -28.4670

Conversions

Conversions Part 2

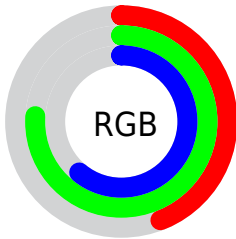
Format	Color
R _{YB}	113, 165, 193
Decimal	7455132
CIE Lab	72.26, -33.06, 11.02
CIE LCh	72, 34.843, 161.569
Yxy	44.0509, 0.2791, 0.3857
Android (android.graphics.Color)	4285645212 (0xFF71C19C)
YUV	164.8620, -4.3690, -45.4830
Hunter-Lab	66.3709, -30.4204, 12.2606

Details

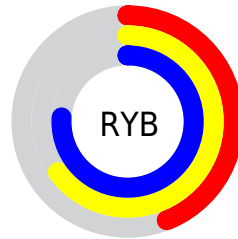
The Yxy color **44.0509, 0.2791, 0.3857** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **25.3357, 0.3682, 0.2794**, and the grayscale version is **37.5864, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.3992, 0.2854, 0.3741**, and **20.4150, 0.2686, 0.4035** is the 20% darker color. If you saturate the color by 10%, you get **42.6154, 0.2732, 0.4025**, and if you desaturate by 10%, it is **45.7843, 0.2862, 0.3700**.

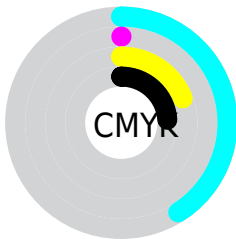
Distribution



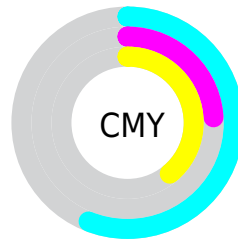
- Red (44%)
- Green (76%)
- Blue (61%)



- Red (44%)
- Yellow (65%)
- Blue (76%)



- Cyan (41%)
- Magenta (0%)
- Yellow (19%)
- Black (24%)



- Cyan (56%)
- Magenta (24%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.0509, 0.2791, 0.3857 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 44.0509, 0.2791, 0.3857 by changing the saturation by 10% instead.

■ 44.0509, 0.2791,
0.3857

■ 44.0509, 0.2791,
0.3857

362.9159, 0.2966,
0.3560

■ 30.7105, 0.2745,
0.3936

■ 81.2943, 0.2856,
0.3746

■ 20.3785, 0.2685,
0.4039

■ 105.9662, 0.2880,
0.3705

■ 12.6705, 0.2603,
0.4183

■ 135.1840, 0.2900,
0.3671

■ 7.2020, 0.2484,
0.4392

169.3321, 0.2917,
0.3642

■ 3.5888, 0.2297,
0.4728

208.7950, 0.2932,
0.3617

■ 1.4463, 0.1833,
0.5483

253.9570, 0.2944,

■ 0.2505, 0.0000,

0.3596

1.0000

305.2025, 0.2956,
0.3577

0.0000, 0.0000,
0.0000

44.0509, 0.2791,
0.3857

44.0509, 0.2791,
0.3857

42.6154, 0.2732,
0.4025

45.7843, 0.2862,
0.3700

41.4547, 0.2687,
0.4200

47.8266, 0.2941,
0.3556

40.5504, 0.2661,
0.4380


50.1947, 0.3026,
0.3424

39.8800, 0.2654,
0.4561


52.9027, 0.3114,
0.3306

39.4163, 0.2666,
0.4737


55.9638, 0.3203,
0.3201

 39.1413, 0.2689,
0.4882

 59.3907, 0.3291,
0.3108

 63.1951, 0.3377,
0.3026

 64.9706, 0.3362,
0.2943

 65.4769, 0.3294,
0.2857

Harmonies

Analogous

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



44.0509, 0.3272, 0.4154



44.0509, 0.2791, 0.3857



44.0509, 0.2420, 0.3375

Triad

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



44.0509, 0.2791, 0.3857



44.0509, 0.2508, 0.2499



44.0509, 0.4106, 0.3541

Complementary

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



44.0509, 0.2791, 0.3857



25.3357, 0.3682, 0.2794

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.



44.0509, 0.3873, 0.3149



44.0509, 0.2791, 0.3857



44.0509, 0.2921, 0.2575

Square

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



44.0509, 0.2791, 0.3857



44.0509, 0.2270, 0.2608



44.0509, 0.3425, 0.2806



44.0509, 0.4048, 0.3910

Rectangle

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



44.0509, 0.2791, 0.3857



44.0509, 0.2275, 0.3054



44.0509, 0.3425, 0.2806



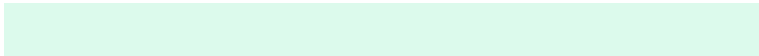
44.0509, 0.4060, 0.3409

Sweetspot

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



44.0527, 0.2791, 0.3857



89.5698, 0.3020, 0.3433



45.8491, 0.3362, 0.4444



19.0900, 0.3009, 0.3450



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



44.0527, 0.2791, 0.3857



76.4788, 0.2735, 0.4012



44.3329, 0.2559, 0.3250



11.3474, 0.3045, 0.3398



26.0465, 0.2683, 0.4860



1.1392, 0.2576, 0.4475

Inverse Universe

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



25.3357, 0.3682, 0.2794



38.3655, 0.3870, 0.2688



24.9307, 0.4163, 0.3330



10.1536, 0.3218, 0.3184



8.0381, 0.5096, 0.2581



0.3612, 0.4568, 0.2290

Previews

White Background



This preview shows how the Yxy color 44.0509, 0.2791, 0.3857 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 44.0509, 0.2791, 0.3857 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 44.0509, 0.2791, 0.3857

Background



This preview shows how black text looks on a background with the Yxy color 44.0509, 0.2791, 0.3857.

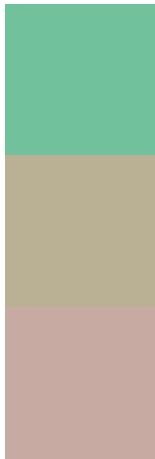


This preview shows how white text looks on a background with the Yxy color 44.0509, 0.2791, 0.3857.

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

44.0509, 0.2791, 0.3857

Protanopia

43.5964, 0.3464, 0.3679

Deuteranopia

43.4648, 0.3477, 0.3406



Tritanopia

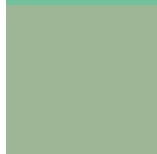
44.0900, 0.2564, 0.3077

Trichromacy



Original Color

44.0509, 0.2791, 0.3857



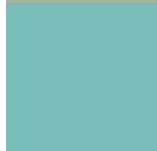
Protanomaly

43.0288, 0.3182, 0.3748



Deuteranomaly

42.6688, 0.3194, 0.3555



Tritanomaly

43.8910, 0.2646, 0.3347

Monochromacy



Original Color

44.0509, 0.2791, 0.3857



Achromatopsia

37.6262, 0.3127, 0.3290



Achromatomaly

39.3796, 0.2980, 0.3482

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.0509, 0.2791, 0.3857 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(113, 193, 156)` looks like.

```
.text, #text, p{  
    color:rgb(113, 193, 156)  
}
```

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(113, 193, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 193, 156) }
```

Border

The CSS property to change the border of an element to Yxy 44.0509, 0.2791, 0.3857 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(113, 193, 156) }
```

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

```
.border{ border-color:rgb(113, 193, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 193, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 193, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 193, 156);  
box-shadow:4px 4px 4px 4px rgb(113, 193,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 44.0509, 0.2791, 0.3857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 193, 156) }
```

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

```
.background{ background-color: rgb(113,  
193, 156) }
```

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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