

Converting Colors

Yxy(44.6504, 0.2642, 0.4026)

Have a look what the booklet for
Yxy(44.6504, 0.2642, 0.4026)
contains.

Yxy(44.7761, 0.2644, 0.4038)	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(44.7761, 0.2644, 0.4038)

Conversions

Conversions Part 1

Format	Color
Hex	4FC798
RGB	79, 199, 152
RGB Percent	31%, 78%, 60%
CMY	0.6899, 0.2196, 0.4040
CMYK	0.60, 0.00, 0.24, 0.22
HSL	156°, 52%, 55%
HSV	156°, 60%, 78%
XYZ	29.3185, 44.7761, 36.7922
YIQ	157.7620, -56.4330, -40.0570

Conversions

Conversions Part 2

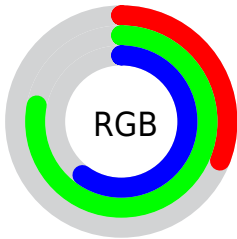
Format	Color
RYB	79, 154, 199
Decimal	5228440
CIELab	72.74, -44.68, 13.70
CIElCh	73, 46.738, 162.950
Yxy	44.7761, 0.2644, 0.4038
Android (android.graphics.Color)	4283418520 (0xFF4FC798)
YUV	157.7620, -2.8407, -69.0743
Hunter-Lab	66.9149, -38.8922, 14.2407

Details

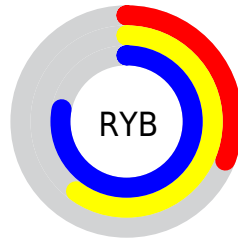
The Yxy color **44.7761, 0.2644, 0.4038** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **19.2545, 0.4226, 0.2701**, and the grayscale version is **34.1201, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.3795, 0.2735, 0.3878**, and **20.8861, 0.2520, 0.4271** is the 20% darker color. If you saturate the color by 10%, you get **43.8002, 0.2610, 0.4189**, and if you desaturate by 10%, it is **46.0278, 0.2696, 0.3891**.

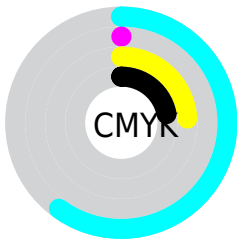
Distribution



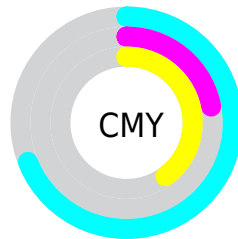
- Red (31%)
- Green (78%)
- Blue (60%)



- Red (31%)
- Yellow (60%)
- Blue (78%)



- Cyan (60%)
- Magenta (0%)
- Yellow (24%)
- Black (22%)





- Cyan (69%)
- Magenta (22%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.7761, 0.2644, 0.4038 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 44.7761, 0.2644, 0.4038 by changing the saturation by 10% instead.


 44.7761, 0.2644,
0.4038

 44.7761, 0.2644,
0.4038

365.8660, 0.2895,
0.3644

 31.2811, 0.2578,
0.4143


 82.3843, 0.2737,
0.3890

 20.8130, 0.2493,
0.4282


 107.2663, 0.2772,
0.3836

 12.9874, 0.2375,
0.4475


 136.7128, 0.2801,
0.3790

 7.4199, 0.2207,
0.4757

 171.1082, 0.2825,
0.3752

 3.7260, 0.1945,
0.5208

210.8368, 0.2846,
0.3719

 1.5215, 0.1065,
0.6475

256.2830, 0.2865,

 0.3038, 0.0000,

0.3691

1.0000

307.8313, 0.2881,
0.3666

■ 0.0000, 0.0000,
0.0000

■ 44.7761, 0.2644,
0.4038

■ 44.7761, 0.2644,
0.4038

■ 43.8002, 0.2610,
0.4189

■ 46.0278, 0.2696,
0.3891

■ 43.0709, 0.2595,
0.4342

■ 47.5710, 0.2764,
0.3752

■ 42.5617, 0.2600,
0.4493

■ 49.4263, 0.2843,
0.3621

■ 42.2256, 0.2621,
0.4637

■ 51.6109, 0.2932,
0.3501

■ 54.1409, 0.3027,
0.3391

■ 57.0310, 0.3125,
0.3292

■ 60.2952, 0.3224,
0.3204

■ 63.9470, 0.3323,
0.3126

■ 67.3908, 0.3394,
0.3055

Harmonies

Analogous

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



44.7761, 0.3266, 0.4460



44.7761, 0.2644, 0.4038



44.7761, 0.2182, 0.3358

Triad

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



44.7761, 0.2644, 0.4038



44.7761, 0.2337, 0.2268



44.7761, 0.4437, 0.3611

Complementary

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



44.7761, 0.2644, 0.4038



19.2545, 0.4226, 0.2701

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.



44.7761, 0.4147, 0.3113



44.7761, 0.2644, 0.4038



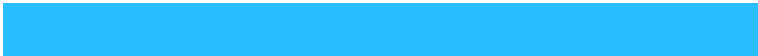
44.7761, 0.2875, 0.2379

Square

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



44.7761, 0.2644, 0.4038



44.7761, 0.2028, 0.2381



44.7761, 0.3547, 0.2679



44.7761, 0.4324, 0.4094

Rectangle

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



44.7761, 0.2644, 0.4038



44.7761, 0.2013, 0.2929



44.7761, 0.3547, 0.2679



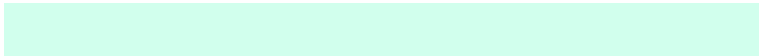
44.7761, 0.4385, 0.3442

Sweetspot

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



44.7779, 0.2644, 0.4038



91.2044, 0.2951, 0.3478



45.9273, 0.3355, 0.5037



19.2589, 0.2923, 0.3512



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.



44.7779, 0.2644, 0.4038



76.2940, 0.2603, 0.4232



41.3325, 0.2354, 0.3108



11.9944, 0.3035, 0.3382



27.1703, 0.2616, 0.4617



1.3005, 0.2530, 0.4307

Inverse Universe

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



19.2545, 0.4226, 0.2701



27.8126, 0.4608, 0.2642



20.2021, 0.4890, 0.3441



10.7047, 0.3229, 0.3200



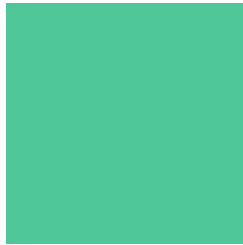
8.1778, 0.5387, 0.2742



0.4014, 0.4830, 0.2435

Previews

White Background



This preview shows how the Yxy color 44.7761, 0.2644, 0.4038 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 44.7761, 0.2644, 0.4038 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 44.7761, 0.2644, 0.4038

Background



This preview shows how black text looks on a background with the Yxy color 44.7761, 0.2644, 0.4038.

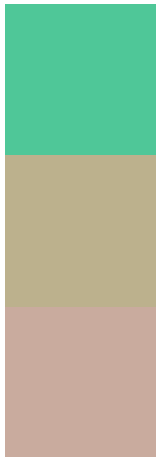


This preview shows how white text looks on a background with the Yxy color 44.7761, 0.2644, 0.4038.

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

44.7761, 0.2644, 0.4038

Protanopia

44.0587, 0.3532, 0.3770

Deuteranopia

44.0119, 0.3521, 0.3457



Tritanopia

44.8009, 0.2411, 0.3073

Trichromacy



Original Color

44.7761, 0.2644, 0.4038



Protanomaly

43.0382, 0.3124, 0.3878



Deuteranomaly

42.6161, 0.3119, 0.3649



Tritanomaly

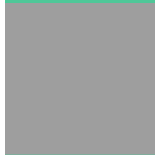
44.8422, 0.2493, 0.3408

Monochromacy



Original Color

44.7761, 0.2644, 0.4038



Achromatopsia

34.1914, 0.3127, 0.3290



Achromatomaly

36.9546, 0.2886, 0.3555

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.7761, 0.2644, 0.4038 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(79, 199, 152)` looks like.

```
.text, #text, p{  
    color:rgb(79, 199, 152)  
}
```

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(79, 199, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 199, 152) }
```

Border

The CSS property to change the border of an element to Yxy 44.7761, 0.2644, 0.4038 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(79, 199, 152) }
```

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

```
.border{ border-color:rgb(79, 199, 152) }
```

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

Here you see how a box with a 4 pixel rgb(79, 199, 152) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 199, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 199, 152);  
box-shadow:4px 4px 4px 4px rgb(79, 199,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 44.7761, 0.2644, 0.4038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 199, 152) }
```

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

```
.background{ background-color: rgb(79, 199,  
152) }
```

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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