

Converting Colors

$Yxy(44.1445, 0.2945, 0.4493)$

Have a look what the booklet for
Yxy(44.1445, 0.2945, 0.4493)
contains.

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Color

Yxy(44.1378, 0.2945, 0.4498)

Conversions

Conversions Part 1

Format	Color
Hex	66C579
RGB	102, 197, 121
RGB Percent	40%, 77%, 47%
CMY	0.6000, 0.2274, 0.5254
CMYK	0.48, 0.00, 0.39, 0.23
HSL	132°, 45%, 59%
HSV	132°, 48%, 77%
XYZ	28.8986, 44.1378, 25.0912
YIQ	159.9310, -32.2240, -43.7760

Conversions

Conversions Part 2

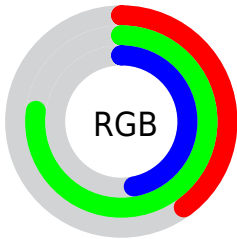
Format	Color
RYB	102, 181, 197
Decimal	6735225
CIELab	72.32, -44.48, 29.66
CIElCh	72, 53.460, 146.303
Yxy	44.1378, 0.2945, 0.4498
Android (android.graphics.Color)	4284925305 (0xFF66C579)
YUV	159.9310, -19.1930, -50.8055
Hunter-Lab	66.4363, -38.6192, 24.1131

Details

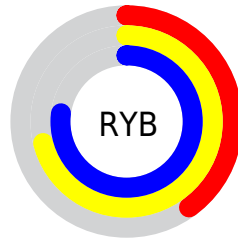
The Yxy color **44.1378, 0.2945, 0.4498** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **24.5893, 0.3399, 0.2333**, and the grayscale version is **35.2242, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.2087, 0.2992, 0.4250**, and **20.3145, 0.2853, 0.4909** is the 20% darker color. If you saturate the color by 10%, you get **42.7664, 0.2921, 0.4799**, and if you desaturate by 10%, it is **45.8495, 0.2977, 0.4205**.

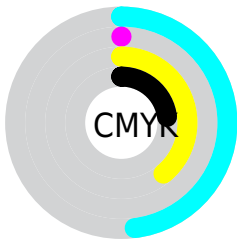
Distribution



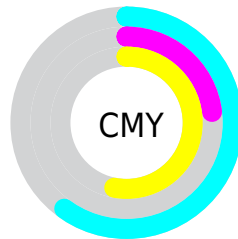
- Red (40%)
- Green (77%)
- Blue (47%)



- Red (40%)
- Yellow (71%)
- Blue (77%)



- Cyan (48%)
- Magenta (0%)
- Yellow (39%)
- Black (23%)





- Cyan (60%)
- Magenta (23%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.1378, 0.2945, 0.4498 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 44.1378, 0.2945, 0.4498 by changing the saturation by 10% instead.


 44.1378, 0.2945,
0.4498


 44.1378, 0.2945,
0.4498


363.2703, 0.3059,
0.3849

 30.7789, 0.2908,
0.4674


 81.4251, 0.2993,
0.4252

 20.4305, 0.2854,
0.4908


 106.1222, 0.3009,
0.4162

 12.7084, 0.2772,
0.5231


 135.3674, 0.3022,
0.4088

 7.2280, 0.2637,
0.5704

 169.5453, 0.3032,
0.4025

 3.6051, 0.2405,
0.6485

209.0401, 0.3041,
0.3972

 1.4552, 0.1264,
0.8736

254.2363, 0.3048,

 0.2569, 0.0000,

0.3925

1.0000

305.5182, 0.3054,
0.3885

0.0000, 0.0000,
0.0000

44.1378, 0.2945,
0.4498

44.1378, 0.2945,
0.4498

42.7664, 0.2921,
0.4799

45.8495, 0.2977,
0.4205

41.7070, 0.2909,
0.5094

47.9167, 0.3013,
0.3931

40.9359, 0.2908,
0.5366

50.3600, 0.3053,
0.3680


40.4233, 0.2921,
0.5598

53.1970, 0.3094,
0.3455


40.1248, 0.2943,
0.5779


56.4443, 0.3134,
0.3257

 40.0826, 0.2946,
0.5805

 60.1174, 0.3173,
0.3083

 64.2309, 0.3210,
0.2932

 67.9138, 0.3210,
0.2795

 68.4133, 0.3154,
0.2722

Harmonies

Analogous

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



44.1378, 0.3673, 0.4685



44.1378, 0.2945, 0.4498



44.1378, 0.2306, 0.3816

Triad

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



44.1378, 0.2945, 0.4498



44.1378, 0.2008, 0.2171



44.1378, 0.4503, 0.3320

Complementary

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



44.1378, 0.2945, 0.4498



24.5893, 0.3399, 0.2333

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.



44.1378, 0.3942, 0.2799



44.1378, 0.2945, 0.4498



44.1378, 0.2469, 0.2168

Square

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



44.1378, 0.2945, 0.4498



44.1378, 0.1820, 0.2443



44.1378, 0.3167, 0.2392



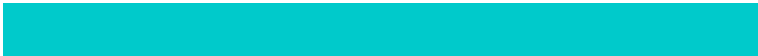
44.1378, 0.4620, 0.3881

Rectangle

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



44.1378, 0.2945, 0.4498



44.1378, 0.2012, 0.3269



44.1378, 0.3167, 0.2392



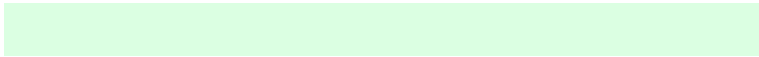
44.1378, 0.4359, 0.3138

Sweetspot

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



44.1396, 0.2945, 0.4498



92.1421, 0.3069, 0.3587



50.3582, 0.3661, 0.4527



19.4910, 0.3061, 0.3637



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.



44.1396, 0.2945, 0.4498



76.4495, 0.2920, 0.4819



45.6047, 0.2657, 0.3721



11.9220, 0.3089, 0.3480



26.3734, 0.2941, 0.5787



1.2593, 0.2832, 0.5396

Inverse Universe

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



24.5893, 0.3399, 0.2333



37.2545, 0.3478, 0.2154



23.0007, 0.4036, 0.2915



10.7788, 0.3168, 0.3107



9.4339, 0.3784, 0.1858



0.4562, 0.3643, 0.1780

Previews

White Background



This preview shows how the Yxy color 44.1378, 0.2945, 0.4498 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 44.1378, 0.2945, 0.4498 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 44.1378, 0.2945, 0.4498

Background



This preview shows how black text looks on a background with the Yxy color 44.1378, 0.2945, 0.4498.

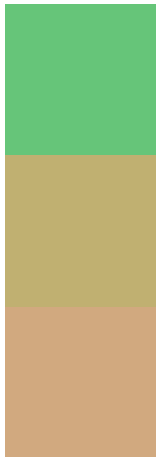


This preview shows how white text looks on a background with the Yxy color 44.1378, 0.2945, 0.4498.

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

44.1378, 0.2945, 0.4498

Protanopia

43.4494, 0.3812, 0.4115

Deuteranopia

43.4635, 0.3890, 0.3816



Tritanopia

43.8699, 0.2546, 0.3076

Trichromacy



Original Color

44.1378, 0.2945, 0.4498



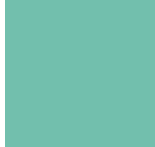
Protanomaly

42.9129, 0.3442, 0.4271



Deuteranomaly

42.2669, 0.3490, 0.4052



Tritanomaly

43.8561, 0.2687, 0.3559

Monochromacy



Original Color

44.1378, 0.2945, 0.4498



Achromatopsia

35.1533, 0.3127, 0.3290



Achromatomaly

37.4514, 0.3047, 0.3707

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.1378, 0.2945, 0.4498 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(102, 197, 121)` looks like.

```
.text, #text, p{  
    color:rgb(102, 197, 121)  
}
```

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(102, 197, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 197, 121) }
```

Border

The CSS property to change the border of an element to Yxy 44.1378, 0.2945, 0.4498 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(102, 197, 121) }
```

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

```
.border{ border-color:rgb(102, 197, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 197, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 197, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 197, 121);  
box-shadow:4px 4px 4px 4px rgb(102, 197,  
121) }
```


Background

The CSS property to change the background color of an element to Yxy 44.1378, 0.2945, 0.4498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 197, 121) }
```

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

```
.background{ background-color: rgb(102,  
197, 121) }
```

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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