

Converting Colors

$Yxy(59.7196, 0.2748, 0.4116)$

Have a look what the booklet for
Yxy(59.7196, 0.2748, 0.4116)
contains.

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Color

Yxy(59.7294, 0.2748, 0.4116)

Conversions

Conversions Part 1

Format	Color
Hex	6BE1A6
RGB	107, 225, 166
RGB Percent	42%, 88%, 65%
CMY	0.5801, 0.1177, 0.3490
CMYK	0.52, 0.00, 0.26, 0.12
HSL	150°, 66%, 65%
HSV	150°, 52%, 88%
XYZ	39.8776, 59.7294, 45.5081
YIQ	182.9920, -51.3890, -43.3650

Conversions

Conversions Part 2

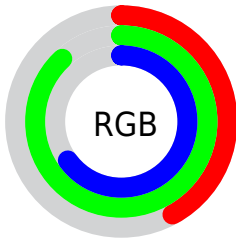
Format	Color
RYB	107, 186, 225
Decimal	7070118
CIELab	81.69, -46.77, 18.90
CIElCh	82, 50.443, 157.997
Yxy	59.7294, 0.2748, 0.4116
Android (android.graphics.Color)	4285260198 (0xFF6BE1A6)
YUV	182.9920, -8.3771, -66.6450
Hunter-Lab	77.2848, -43.1454, 19.1872

Details

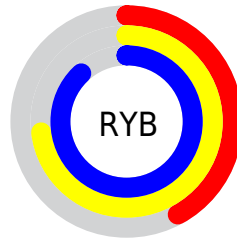
The Yxy color **59.7294, 0.2748, 0.4116** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **29.2905, 0.3858, 0.2616**, and the grayscale version is **47.4271, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.7398, 0.2792, 0.3677**, and **30.1044, 0.2637, 0.4357** is the 20% darker color. If you saturate the color by 10%, you get **58.1179, 0.2709, 0.4310**, and if you desaturate by 10%, it is **61.7447, 0.2802, 0.3930**.

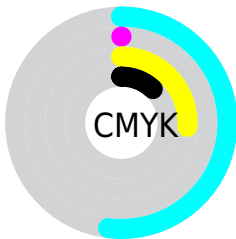
Distribution



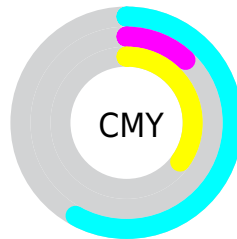
- Red (42%)
- Green (88%)
- Blue (65%)



- Red (42%)
- Yellow (73%)
- Blue (88%)



- Cyan (52%)
- Magenta (0%)
- Yellow (26%)
- Black (12%)




- Cyan (58%)
- Magenta (12%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.7294, 0.2748, 0.4116 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 59.7294, 0.2748, 0.4116 by changing the saturation by 10% instead.


 59.7294, 0.2748,
0.4116


 59.7294, 0.2748,
0.4116


423.5996, 0.2940,
0.3698

 43.2006, 0.2700,
0.4221


 104.4370, 0.2818,
0.3963

 30.0425, 0.2637,
0.4357


 133.3846, 0.2844,
0.3906

 19.8709, 0.2554,
0.4538


 167.2406, 0.2867,
0.3858

 12.3012, 0.2437,
0.4791

206.3893, 0.2886,
0.3817

 6.9492, 0.2264,
0.5167

251.2151, 0.2902,
0.3781

 3.4303, 0.1982,
0.5775

302.1026, 0.2916,

 1.3603, 0.0575,

0.3750

0.8852

359.4359, 0.2929,
0.3723

■ 0.1872, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 59.7294, 0.2748,
0.4116

■ 59.7294, 0.2748,
0.4116

■ 58.1179, 0.2709,
0.4310

■ 61.7447, 0.2802,
0.3930

■ 56.8732, 0.2688,
0.4508

■ 64.1832, 0.2869,
0.3756


■ 55.9638, 0.2687,
0.4704

■ 67.0713, 0.2943,
0.3596

■ 55.3487, 0.2706,
0.4893


■ 70.4315, 0.3024,
0.3450

 55.0287, 0.2730,
0.5029

 74.2846, 0.3107,
0.3319

 78.6502, 0.3191,
0.3203

 81.6879, 0.3207,
0.3096

 82.3285, 0.3141,
0.2999

Harmonies

Analogous

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



59.7294, 0.3371, 0.4463



59.7294, 0.2748, 0.4116



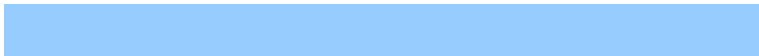
59.7294, 0.2258, 0.3470

Triad

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



59.7294, 0.2748, 0.4116



59.7294, 0.2284, 0.2287



59.7294, 0.4392, 0.3525

Complementary

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



59.7294, 0.2748, 0.4116



29.2905, 0.3858, 0.2616

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.



59.7294, 0.4045, 0.3041



59.7294, 0.2748, 0.4116



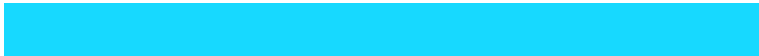
59.7294, 0.2780, 0.2363

Square

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



59.7294, 0.2748, 0.4116



59.7294, 0.2020, 0.2440



59.7294, 0.3429, 0.2630



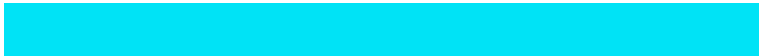
59.7294, 0.4346, 0.4009

Rectangle

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



59.7294, 0.2748, 0.4116



59.7294, 0.2062, 0.3035



59.7294, 0.3429, 0.2630



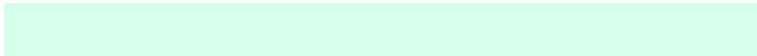
59.7294, 0.4318, 0.3360

Sweetspot

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



59.7318, 0.2748, 0.4116



91.8210, 0.2994, 0.3502



63.2357, 0.3446, 0.4766



19.4547, 0.2977, 0.3532



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.



59.7318, 0.2748, 0.4116



76.9996, 0.2706, 0.4330



62.3076, 0.2463, 0.3313



15.4510, 0.3048, 0.3410



31.7348, 0.2723, 0.5002



2.2178, 0.2644, 0.4720

Inverse Universe

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



29.2905, 0.3858, 0.2616



32.4112, 0.4099, 0.2507



27.6403, 0.4626, 0.3272



13.8143, 0.3214, 0.3173



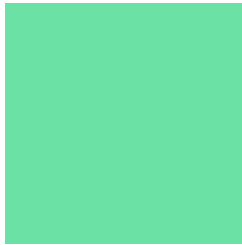
9.9289, 0.4951, 0.2501



0.7063, 0.4611, 0.2314

Previews

White Background



This preview shows how the Yxy color 59.7294, 0.2748, 0.4116 looks on a white background.

Color Contrast Check

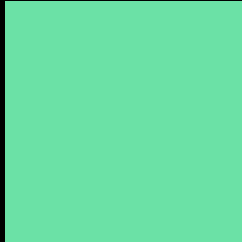
Large Text (above 18pt) WCAG AA × Fail

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 59.7294, 0.2748, 0.4116 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

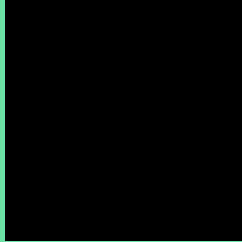
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.7294, 0.2748, 0.4116

Background



This preview shows how black text looks on a background with the Yxy color 59.7294, 0.2748, 0.4116.



This preview shows how white text looks on a background with the Yxy color 59.7294, 0.2748, 0.4116.

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

59.7294, 0.2748, 0.4116

Protanopia

58.5869, 0.3587, 0.3833

Deuteranopia

58.5896, 0.3600, 0.3528



Tritanopia

59.4879, 0.2471, 0.3062

Trichromacy



Original Color

59.7294, 0.2748, 0.4116



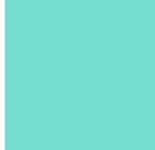
Protanomaly

57.8265, 0.3222, 0.3947



Deuteranomaly

57.0040, 0.3229, 0.3731



Tritanomaly

59.1884, 0.2569, 0.3421

Monochromacy



Original Color

59.7294, 0.2748, 0.4116



Achromatopsia

47.3531, 0.3127, 0.3290



Achromatomaly

50.5311, 0.2947, 0.3575

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.7294, 0.2748, 0.4116 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(107, 225, 166)` looks like.

```
.text, #text, p{  
    color:rgb(107, 225, 166)  
}
```

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(107, 225, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 225, 166) }
```

Border

The CSS property to change the border of an element to Yxy 59.7294, 0.2748, 0.4116 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(107, 225, 166) }
```

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

```
.border{ border-color:rgb(107, 225, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 225, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(107, 225, 166); -webkit-box-shadow:4px 4px 4px 4px rgb(107, 225, 166); box-shadow:4px 4px 4px 4px rgb(107, 225, 166) }
```


Background

The CSS property to change the background color of an element to Yxy 59.7294, 0.2748, 0.4116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 225, 166) }
```

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

```
.background{ background-color: rgb(107,  
225, 166) }
```

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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