

Converting Colors

Yxy(54.9306, 0.2798, 0.4051)

Have a look what the booklet for
Yxy(54.9306, 0.2798, 0.4051)
contains.

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Color

Yxy(54.8544, 0.2796, 0.4048)

Conversions

Conversions Part 1

Format	Color
Hex	73D7A2
RGB	115, 215, 162
RGB Percent	45%, 84%, 64%
CMY	0.5491, 0.1568, 0.3648
CMYK	0.47, 0.00, 0.25, 0.16
HSL	148°, 56%, 65%
HSV	148°, 47%, 84%
XYZ	37.8886, 54.8544, 42.7669
YIQ	179.0580, -42.5870, -37.6830

Conversions

Conversions Part 2

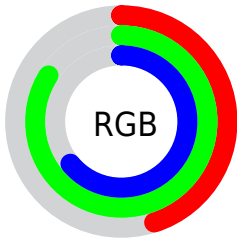
Format	Color
RYB	115, 183, 215
Decimal	7591842
CIELab	78.96, -41.32, 17.25
CIELCh	79, 44.773, 157.339
Yxy	54.8544, 0.2796, 0.4048
Android (android.graphics.Color)	4285781922 (0xFF73D7A2)
YUV	179.0580, -8.4096, -56.1789
Hunter-Lab	74.0638, -38.2969, 17.6086

Details

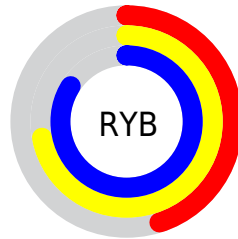
The Yxy color **54.8544, 0.2796, 0.4048** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **29.5310, 0.3703, 0.2653**, and the grayscale version is **45.1717, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.3004, 0.2848, 0.3721**, and **27.1373, 0.2697, 0.4287** is the 20% darker color. If you saturate the color by 10%, you get **53.1784, 0.2750, 0.4249**, and if you desaturate by 10%, it is **56.9115, 0.2855, 0.3858**.

Distribution



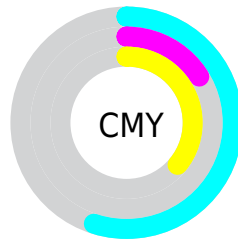
- Red (45%)
- Green (84%)
- Blue (64%)



- Red (45%)
- Yellow (72%)
- Blue (84%)



- Cyan (47%)
- Magenta (0%)
- Yellow (25%)
- Black (16%)




- Cyan (55%)
- Magenta (16%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.8544, 0.2796, 0.4048 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 54.8544, 0.2796, 0.4048 by changing the saturation by 10% instead.


 54.8544, 0.2796,
0.4048


 54.8544, 0.2796,
0.4048

405.3598, 0.2966,
0.3661

 39.2852, 0.2752,
0.4147


 97.3276, 0.2859,
0.3905

 26.9816, 0.2696,
0.4276


 125.0003, 0.2882,
0.3852

 17.5594, 0.2619,
0.4448


 157.4764, 0.2902,
0.3808

 10.6342, 0.2510,
0.4693

195.1401, 0.2918,
0.3770

 5.8214, 0.2344,
0.5064

238.3759, 0.2933,
0.3737

 2.7368, 0.2065,
0.5684

287.5682, 0.2945,

 0.9959, 0.0000,

0.3708

1.0000

343.1014, 0.2956,
0.3683

0.0000, 0.0000,
0.0000

54.8544, 0.2796,
0.4048

54.8544, 0.2796,
0.4048

53.1784, 0.2750,
0.4249

56.9115, 0.2855,
0.3858

51.8518, 0.2720,
0.4457

59.3655, 0.2923,
0.3682

50.8487, 0.2709,
0.4666


62.2395, 0.2997,
0.3521

50.1365, 0.2718,
0.4869


65.5528, 0.3075,
0.3376

49.6736, 0.2745,
0.5061


69.3234, 0.3155,
0.3247

 49.5459, 0.2757,
0.5125

 73.5684, 0.3234,
0.3133

 76.2617, 0.3235,
0.3026

 76.9671, 0.3158,
0.2918

 77.0853, 0.3145,
0.2901

Harmonies

Analogous

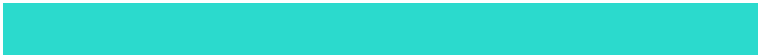
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



54.8544, 0.3370, 0.4357



54.8544, 0.2796, 0.4048



54.8544, 0.2338, 0.3472

Triad

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



54.8544, 0.2796, 0.4048



54.8544, 0.2344, 0.2365



54.8544, 0.4279, 0.3506

Complementary

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



54.8544, 0.2796, 0.4048



29.5310, 0.3703, 0.2653

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.



54.8544, 0.3955, 0.3055



54.8544, 0.2796, 0.4048



54.8544, 0.2799, 0.2429

Square

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



54.8544, 0.2796, 0.4048



54.8544, 0.2102, 0.2516



54.8544, 0.3392, 0.2675



54.8544, 0.4251, 0.3951

Rectangle

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



54.8544, 0.2796, 0.4048



54.8544, 0.2151, 0.3075



54.8544, 0.3392, 0.2675



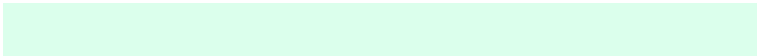
54.8544, 0.4208, 0.3352

Sweetspot

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



54.8566, 0.2796, 0.4048



92.6873, 0.3016, 0.3485



58.2032, 0.3435, 0.4584



19.6229, 0.2999, 0.3518



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.



54.8566, 0.2796, 0.4048



78.2452, 0.2750, 0.4249



56.9855, 0.2527, 0.3333



13.9922, 0.3053, 0.3416



29.6527, 0.2749, 0.5097



1.8052, 0.2658, 0.4768

Inverse Universe

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



29.5310, 0.3703, 0.2653



36.5185, 0.3891, 0.2532



28.0194, 0.4347, 0.3253



12.5297, 0.3209, 0.3167



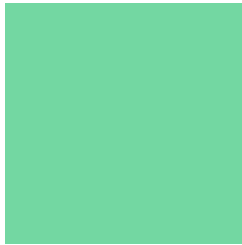
9.3888, 0.4821, 0.2429



0.5830, 0.4467, 0.2235

Previews

White Background



This preview shows how the Yxy color 54.8544, 0.2796, 0.4048 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 54.8544, 0.2796, 0.4048 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

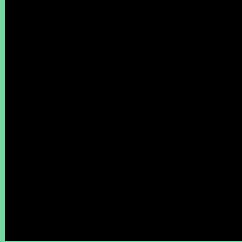
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.8544, 0.2796, 0.4048

Background



This preview shows how black text looks on a background with the Yxy color 54.8544, 0.2796, 0.4048.



This preview shows how white text looks on a background with the Yxy color 54.8544, 0.2796, 0.4048.

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

54.8544, 0.2796, 0.4048

Protanopia

54.1160, 0.3563, 0.3803

Deuteranopia

53.8974, 0.3583, 0.3513



Tritanopia

54.8328, 0.2526, 0.3069

Trichromacy



Original Color

54.8544, 0.2796, 0.4048



Protanomaly

53.6400, 0.3238, 0.3896



Deuteranomaly

52.7530, 0.3244, 0.3690



Tritanomaly

54.6702, 0.2623, 0.3410

Monochromacy



Original Color

54.8544, 0.2796, 0.4048



Achromatopsia

45.0786, 0.3127, 0.3290



Achromatomaly

47.7843, 0.2981, 0.3552

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.8544, 0.2796, 0.4048 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(115, 215, 162)` looks like.

```
.text, #text, p{  
    color:rgb(115, 215, 162)  
}
```

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(115, 215, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 215, 162) }
```

Border

The CSS property to change the border of an element to Yxy 54.8544, 0.2796, 0.4048 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(115, 215, 162) }
```

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

```
.border{ border-color:rgb(115, 215, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 215, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 215, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 215, 162);  
box-shadow:4px 4px 4px 4px rgb(115, 215,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 54.8544, 0.2796, 0.4048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 215, 162) }
```

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

```
.background{ background-color: rgb(115,  
215, 162) }
```

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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