

Converting Colors

$Yxy(54.2752, 0.2796, 0.3990)$

Have a look what the booklet for
Yxy(54.2752, 0.2796, 0.3990)
contains.

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Color

Yxy(54.1204, 0.2799, 0.3990)

Conversions

Conversions Part 1

Format	Color
Hex	76D5A4
RGB	118, 213, 164
RGB Percent	46%, 84%, 64%
CMY	0.5372, 0.1647, 0.3570
CMYK	0.45, 0.00, 0.23, 0.16
HSL	149°, 53%, 65%
HSV	149°, 45%, 84%
XYZ	37.9657, 54.1204, 43.5540
YIQ	179.0090, -40.8910, -35.3790

Conversions

Conversions Part 2

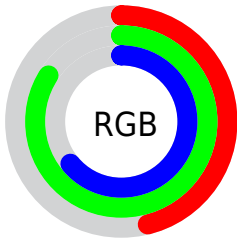
Format	Color
RYB	118, 182, 213
Decimal	7787940
CIELab	78.53, -39.23, 15.62
CIELCh	79, 42.230, 158.286
Yxy	54.1204, 0.2799, 0.3990
Android (android.graphics.Color)	4285978020 (0xFF76D5A4)
YUV	179.0090, -7.3994, -53.5049
Hunter-Lab	73.5666, -36.6226, 16.3948

Details

The Yxy color **54.1204, 0.2799, 0.3990** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **29.8990, 0.3685, 0.2694**, and the grayscale version is **45.1427, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.6331, 0.2849, 0.3696**, and **26.6157, 0.2699, 0.4207** is the 20% darker color. If you saturate the color by 10%, you get **52.4156, 0.2749, 0.4184**, and if you desaturate by 10%, it is **56.2007, 0.2861, 0.3808**.

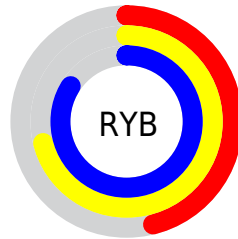
Distribution



Red (46%)

Green (84%)

Blue (64%)



Red (46%)

Yellow (71%)

Blue (84%)

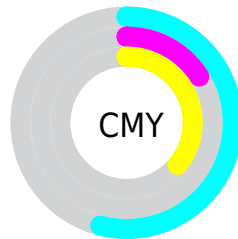


Cyan (45%)

Magenta (0%)

Yellow (23%)

Black (16%)



Cyan (54%)


Magenta (16%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.1204, 0.2799, 0.3990 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 54.1204, 0.2799, 0.3990 by changing the saturation by 10% instead.


 54.1204, 0.2799,
0.3990

 54.1204, 0.2799,
0.3990


402.5690, 0.2967,
0.3633


 38.6979, 0.2756,
0.4081


 96.2510, 0.2861,
0.3858

 26.5248, 0.2701,
0.4200

 123.7279, 0.2884,
0.3810

 17.2167, 0.2626,
0.4359


 155.9918, 0.2903,
0.3768

 10.3891, 0.2520,
0.4586

193.4270, 0.2919,
0.3733

 5.6577, 0.2359,
0.4929

236.4179, 0.2934,
0.3703

 2.6381, 0.2090,
0.5505

285.3489, 0.2946,

 0.9458, 0.0000,

0.3677

1.0000

340.6045, 0.2957,
0.3653

■ 0.0000, 0.0000,
0.0000

■ 54.1204, 0.2799,
0.3990

■ 54.1204, 0.2799,
0.3990

■ 52.4156, 0.2749,
0.4184

■ 56.2007, 0.2861,
0.3808

■ 51.0557, 0.2715,
0.4385

■ 58.6715, 0.2932,
0.3639

■ 50.0164, 0.2699,
0.4588


■ 61.5548, 0.3010,
0.3486

■ 49.2668, 0.2703,
0.4789


■ 64.8693, 0.3090,
0.3348

■ 48.7694, 0.2726,
0.4979

■ 68.6324, 0.3171,
0.3226

 48.5710, 0.2744,
0.5078

 72.8604, 0.3252,
0.3117

 75.1976, 0.3242,
0.3014

 75.8745, 0.3167,
0.2909

 76.0706, 0.3146,
0.2881

Harmonies

Analogous

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



54.1204, 0.3344, 0.4293



54.1204, 0.2799, 0.3990



54.1204, 0.2367, 0.3445

Triad

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



54.1204, 0.2799, 0.3990



54.1204, 0.2393, 0.2408



54.1204, 0.4223, 0.3514

Complementary

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



54.1204, 0.2799, 0.3990



29.8990, 0.3685, 0.2694

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.



54.1204, 0.3925, 0.3081



54.1204, 0.2799, 0.3990



54.1204, 0.2833, 0.2473

Square

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



54.1204, 0.2799, 0.3990



54.1204, 0.2154, 0.2548



54.1204, 0.3398, 0.2714



54.1204, 0.4188, 0.3936

Rectangle

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



54.1204, 0.2799, 0.3990



54.1204, 0.2192, 0.3073



54.1204, 0.3398, 0.2714



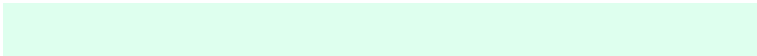
54.1204, 0.4159, 0.3367

Sweetspot

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



54.1226, 0.2799, 0.3990



93.1924, 0.3021, 0.3465



57.1246, 0.3413, 0.4532



19.7239, 0.3003, 0.3497



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.



54.1226, 0.2799, 0.3990



78.7802, 0.2749, 0.4183



56.1675, 0.2538, 0.3309



13.9951, 0.3051, 0.3413



29.6885, 0.2737, 0.5052



1.8074, 0.2647, 0.4728

Inverse Universe

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



29.8990, 0.3685, 0.2694



37.6997, 0.3873, 0.2573



28.4537, 0.4290, 0.3274



12.5268, 0.3211, 0.3170



9.3488, 0.4879, 0.2461



0.5806, 0.4513, 0.2260

Previews

White Background



This preview shows how the Yxy color 54.1204, 0.2799, 0.3990 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 54.1204, 0.2799, 0.3990 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 54.1204, 0.2799, 0.3990

Background



This preview shows how black text looks on a background with the Yxy color 54.1204, 0.2799, 0.3990.



This preview shows how white text looks on a background with the Yxy color 54.1204, 0.2799, 0.3990.

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

54.1204, 0.2799, 0.3990

Protanopia

53.4522, 0.3532, 0.3770

Deuteranopia

53.2357, 0.3551, 0.3479



Tritanopia

53.8421, 0.2537, 0.3067

Trichromacy



Original Color

54.1204, 0.2799, 0.3990



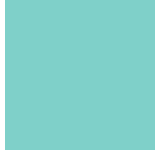
Protanomaly

52.6614, 0.3218, 0.3846



Deuteranomaly

52.3743, 0.3231, 0.3652



Tritanomaly

53.8408, 0.2630, 0.3383

Monochromacy



Original Color

54.1204, 0.2799, 0.3990



Achromatopsia

45.0786, 0.3127, 0.3290



Achromatomaly

47.4857, 0.2981, 0.3524

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.1204, 0.2799, 0.3990 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(118, 213, 164)` looks like.

```
.text, #text, p{  
    color:rgb(118, 213, 164)  
}
```

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(118, 213, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 213, 164) }
```

Border

The CSS property to change the border of an element to Yxy 54.1204, 0.2799, 0.3990 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(118, 213, 164) }
```

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

```
.border{ border-color:rgb(118, 213, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 213, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 213, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 213, 164);  
box-shadow:4px 4px 4px 4px rgb(118, 213,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 54.1204, 0.2799, 0.3990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 213, 164) }
```

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

```
.background{ background-color: rgb(118,  
213, 164) }
```

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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