

Converting Colors

Yxy(52.7315, 0.3216, 0.4956)

Have a look what the booklet for
Yxy(52.7315, 0.3216, 0.4956)
contains.

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Color

Yxy(52.7181, 0.3217, 0.4956)

Conversions

Conversions Part 1

Format	Color
Hex	7CD560
RGB	124, 213, 96
RGB Percent	49%, 84%, 38%
CMY	0.5136, 0.1647, 0.6236
CMYK	0.42, 0.00, 0.55, 0.16
HSL	106°, 58%, 61%
HSV	106°, 55%, 84%
XYZ	34.2200, 52.7181, 19.4342
YIQ	173.0510, -15.4870, -55.2550

Conversions

Conversions Part 2

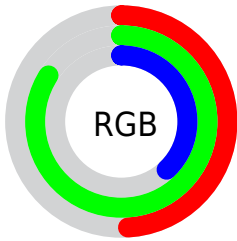
Format	Color
RYB	96, 213, 185
Decimal	8181088
CIELab	77.71, -48.22, 48.96
CIELCh	78, 68.714, 134.561
Yxy	52.7181, 0.3217, 0.4956
Android (android.graphics.Color)	4286371168 (0xFF7CD560)
YUV	173.0510, -37.9861, -43.0177
Hunter-Lab	72.6072, -42.9352, 34.9554

Details

The Yxy color **52.7181, 0.3217, 0.4956** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **23.4767, 0.2890, 0.1875**, and the grayscale version is **42.0233, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.5137, 0.3254, 0.4511**, and **25.8214, 0.3168, 0.5461** is the 20% darker color. If you saturate the color by 10%, you get **51.2703, 0.3207, 0.5267**, and if you desaturate by 10%, it is **54.4749, 0.3216, 0.4625**.

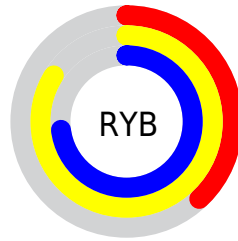
Distribution



Red (49%)

Green (84%)

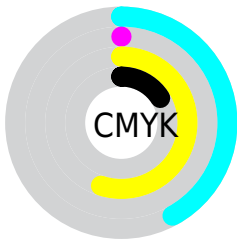
Blue (38%)



Red (38%)

Yellow (84%)

Blue (73%)

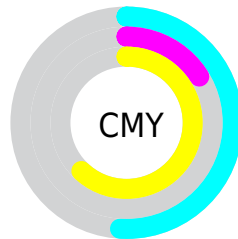


Cyan (42%)

Magenta (0%)

Yellow (55%)

Black (16%)



Cyan (51%)


Magenta (16%)


Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.7181, 0.3217, 0.4956 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 52.7181, 0.3217, 0.4956 by changing the saturation by 10% instead.


 52.7181, 0.3217,
0.4956


 52.7181, 0.3217,
0.4956


397.2026, 0.3219,
0.4090


 37.5778, 0.3199,
0.5175


 94.1894, 0.3230,
0.4637


 25.6552, 0.3165,
0.5455


 121.2892, 0.3232,
0.4518

 16.5658, 0.3100,
0.5821

 153.1443, 0.3231,
0.4418

 9.9254, 0.2975,
0.6306

 190.1390, 0.3230,
0.4333

 5.3495, 0.2814,
0.7186

232.6578, 0.3227,
0.4260

 2.4538, 0.2186,
0.7814

281.0851, 0.3225,

 0.8534, 0.0000,

0.4196

1.0000

335.8053, 0.3222,
0.4139

0.0000, 0.0000,
0.0000

52.7181, 0.3217,
0.4956

52.7181, 0.3217,
0.4956

51.2703, 0.3207,
0.5267

54.4749, 0.3216,
0.4625

50.1062, 0.3185,
0.5537

56.5508, 0.3205,
0.4293

49.2074, 0.3152,
0.5745

58.9634, 0.3187,
0.3975

48.5499, 0.3110,
0.5881

61.7274, 0.3165,
0.3680

48.2939, 0.3089,
0.5929

64.8564, 0.3140,
0.3412

■ 68.3631, 0.3114,
0.3172

■ 72.2600, 0.3088,
0.2961

■ 75.8033, 0.3136,
0.2879

■ 76.0690, 0.3146,
0.2881

Harmonies

Analogous

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



52.7181, 0.4056, 0.4865



52.7181, 0.3217, 0.4956



52.7181, 0.2399, 0.4320

Triad

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



52.7181, 0.3217, 0.4956



52.7181, 0.1695, 0.2050



52.7181, 0.4582, 0.3051

Complementary

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



52.7181, 0.3217, 0.4956



23.4767, 0.2890, 0.1875

Split Complementary

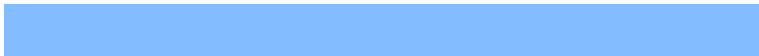
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



52.7181, 0.3746, 0.2499



52.7181, 0.3217, 0.4956



52.7181, 0.2096, 0.1945

Square

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



52.7181, 0.3217, 0.4956



52.7181, 0.1601, 0.2482



52.7181, 0.2811, 0.2109



52.7181, 0.4933, 0.3682

Rectangle

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



52.7181, 0.3217, 0.4956



52.7181, 0.1981, 0.3640



52.7181, 0.2811, 0.2109



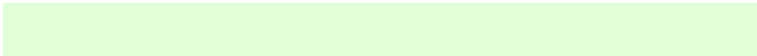
52.7181, 0.4341, 0.2855

Sweetspot

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



52.7203, 0.3217, 0.4956



92.2289, 0.3168, 0.3715



49.1666, 0.4095, 0.4317



19.5493, 0.3173, 0.3774



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.



52.7203, 0.3217, 0.4956



76.7176, 0.3204, 0.5318



51.5618, 0.2897, 0.4619



14.0382, 0.3151, 0.3528



29.5394, 0.3097, 0.5923



1.8204, 0.3221, 0.5824

Inverse Universe

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



23.4767, 0.2890, 0.1875



28.3850, 0.2817, 0.1620



25.9596, 0.3521, 0.2271



12.4758, 0.3100, 0.3058



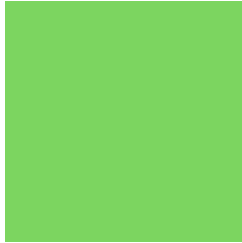
7.6732, 0.2613, 0.1213



0.4997, 0.2720, 0.1272

Previews

White Background



This preview shows how the Yxy color 52.7181, 0.3217, 0.4956 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 52.7181, 0.3217, 0.4956 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 52.7181, 0.3217, 0.4956

Background



This preview shows how black text looks on a background with the Yxy color 52.7181, 0.3217, 0.4956.



This preview shows how white text looks on a background with the Yxy color 52.7181, 0.3217, 0.4956.

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

52.7181, 0.3217, 0.4956

Protanopia

51.9799, 0.4083, 0.4460

Deuteranopia

51.7790, 0.4229, 0.4145



Tritanopia

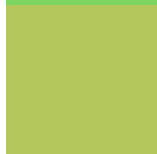
52.2862, 0.2635, 0.3081

Trichromacy



Original Color

52.7181, 0.3217, 0.4956



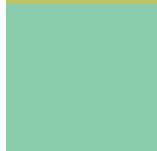
Protanomaly

51.3229, 0.3731, 0.4650



Deuteranomaly

50.4170, 0.3822, 0.4439



Tritanomaly

51.9596, 0.2858, 0.3751

Monochromacy



Original Color

52.7181, 0.3217, 0.4956



Achromatopsia

41.7885, 0.3127, 0.3290



Achromatomaly

44.9793, 0.3180, 0.3907

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.7181, 0.3217, 0.4956 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(124, 213, 96)` looks like.

```
.text, #text, p{  
    color:rgb(124, 213, 96)  
}
```

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(124, 213, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 213, 96) }
```

Border

The CSS property to change the border of an element to Yxy 52.7181, 0.3217, 0.4956 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(124, 213, 96) }
```

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

```
.border{ border-color:rgb(124, 213, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 213, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 213, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 213, 96);  
box-shadow:4px 4px 4px 4px rgb(124, 213,  
96) }
```


Background

The CSS property to change the background color of an element to Yxy 52.7181, 0.3217, 0.4956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 213, 96) }
```

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

```
.background{ background-color: rgb(124,  
213, 96) }
```

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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