

Converting Colors

Yxy(52.6994, 0.3237, 0.4944)

Have a look what the booklet for
Yxy(52.6994, 0.3237, 0.4944)
contains.

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Color

Yxy(52.9451, 0.3237, 0.4945)

Conversions

Conversions Part 1

Format	Color
Hex	7FD560
RGB	127, 213, 96
RGB Percent	50%, 84%, 38%
CMY	0.5020, 0.1647, 0.6234
CMYK	0.40, 0.00, 0.55, 0.16
HSL	104°, 58%, 61%
HSV	104°, 55%, 84%
XYZ	34.6579, 52.9451, 19.4650
YIQ	173.9480, -13.6990, -54.6190

Conversions

Conversions Part 2

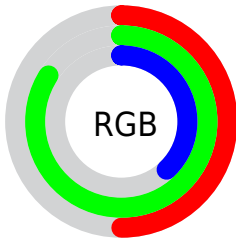
Format	Color
RYB	96, 213, 182
Decimal	8377696
CIELab	77.84, -47.28, 49.13
CIELCh	78, 68.188, 133.902
Yxy	52.9451, 0.3237, 0.4945
Android (android.graphics.Color)	4286567776 (0xFF7FD560)
YUV	173.9480, -38.4284, -41.1734
Hunter-Lab	72.7634, -42.3147, 35.0737

Details

The Yxy color **52.9451, 0.3237, 0.4945** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **23.1252, 0.2859, 0.1862**, and the grayscale version is **42.5071, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.8803, 0.3273, 0.4504**, and **25.9302, 0.3190, 0.5447** is the 20% darker color. If you saturate the color by 10%, you get **51.4961, 0.3229, 0.5253**, and if you desaturate by 10%, it is **54.6918, 0.3233, 0.4617**.

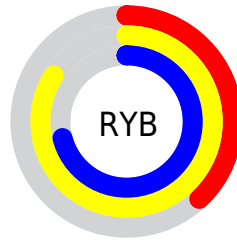
Distribution



Red (50%)

Green (84%)

Blue (38%)



Red (38%)

Yellow (84%)

Blue (71%)

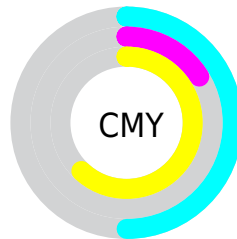


Cyan (40%)

Magenta (0%)

Yellow (55%)

Black (16%)



Cyan (50%)


Magenta (16%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.9451, 0.3237, 0.4945 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 52.9451, 0.3237, 0.4945 by changing the saturation by 10% instead.

 52.9451, 0.3237,
0.4945

 52.9451, 0.3237,
0.4945


398.0745, 0.3229,
0.4086

 37.7589, 0.3221,
0.5162


 94.5236, 0.3247,
0.4629

 25.7957, 0.3191,
0.5438


 121.6847, 0.3247,
0.4512

 16.6708, 0.3130,
0.5798


 153.6062, 0.3245,
0.4412

 10.0001, 0.3011,
0.6276

 190.6726, 0.3242,
0.4328

 5.3990, 0.2860,
0.7140

233.2683, 0.3239,
0.4255

 2.4832, 0.2255,
0.7745

281.7775, 0.3236,

 0.8682, 0.0000,

0.4191

1.0000

336.5848, 0.3233,
0.4136

0.0000, 0.0000,
0.0000

52.9451, 0.3237,
0.4945

52.9451, 0.3237,
0.4945

51.4961, 0.3229,
0.5253

54.6918, 0.3233,
0.4617

50.3207, 0.3208,
0.5521

56.7454, 0.3219,
0.4288

49.4016, 0.3173,
0.5729

59.1227, 0.3197,
0.3972

48.7162, 0.3130,
0.5866

61.8375, 0.3171,
0.3678

48.4428, 0.3107,
0.5915

64.9026, 0.3142,
0.3411

■ 68.3302, 0.3112,
0.3172

■ 72.1320, 0.3082,
0.2960

■ 75.5605, 0.3127,
0.2878

■ 76.0710, 0.3146,
0.2881

Harmonies

Analogous

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



52.9451, 0.4067, 0.4844



52.9451, 0.3237, 0.4945



52.9451, 0.2422, 0.4330

Triad

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



52.9451, 0.3237, 0.4945



52.9451, 0.1700, 0.2065



52.9451, 0.4555, 0.3041

Complementary

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



52.9451, 0.3237, 0.4945



23.1252, 0.2859, 0.1862

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.



52.9451, 0.3720, 0.2495



52.9451, 0.3237, 0.4945



52.9451, 0.2092, 0.1954

Square

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



52.9451, 0.3237, 0.4945



52.9451, 0.1614, 0.2504



52.9451, 0.2796, 0.2111



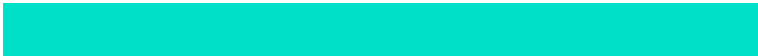
52.9451, 0.4917, 0.3668

Rectangle

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



52.9451, 0.3237, 0.4945



52.9451, 0.2002, 0.3660



52.9451, 0.2796, 0.2111



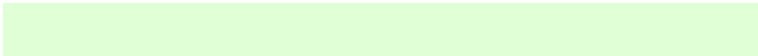
52.9451, 0.4313, 0.2847

Sweetspot

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



52.9474, 0.3237, 0.4945



92.3928, 0.3174, 0.3714



48.3704, 0.4107, 0.4296



19.5880, 0.3180, 0.3773



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.



52.9474, 0.3237, 0.4945



77.0484, 0.3226, 0.5304



51.5174, 0.2907, 0.4649



14.0533, 0.3155, 0.3528



29.6322, 0.3116, 0.5908



1.8277, 0.3244, 0.5807

Inverse Universe

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



23.1252, 0.2859, 0.1862



27.7559, 0.2778, 0.1601



26.0505, 0.3497, 0.2252



12.4597, 0.3096, 0.3057



7.3418, 0.2551, 0.1179



0.4821, 0.2670, 0.1244

Previews

White Background



This preview shows how the Yxy color 52.9451, 0.3237, 0.4945 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 52.9451, 0.3237, 0.4945 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

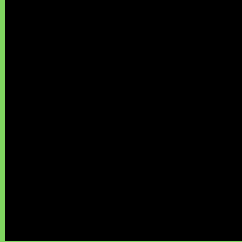
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.9451, 0.3237, 0.4945

Background



This preview shows how black text looks on a background with the Yxy color 52.9451, 0.3237, 0.4945.



This preview shows how white text looks on a background with the Yxy color 52.9451, 0.3237, 0.4945.

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

52.9451, 0.3237, 0.4945

Protanopia

52.4176, 0.4076, 0.4470

Deuteranopia

51.9478, 0.4238, 0.4142



Tritanopia

52.5623, 0.2654, 0.3082

Trichromacy



Original Color

52.9451, 0.3237, 0.4945



Protanomaly

51.9050, 0.3735, 0.4655



Deuteranomaly

50.6816, 0.3840, 0.4431



Tritanomaly

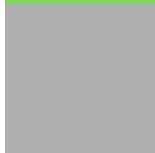
52.2166, 0.2878, 0.3748

Monochromacy



Original Color

52.9451, 0.3237, 0.4945



Achromatopsia

42.3268, 0.3127, 0.3290



Achromatomaly

45.2099, 0.3189, 0.3889

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.9451, 0.3237, 0.4945 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(127, 213, 96)` looks like.

```
.text, #text, p{  
    color:rgb(127, 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(127, 213, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 213, 96) }
```

Border

The CSS property to change the border of an element to Yxy 52.9451, 0.3237, 0.4945 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(127, 213, 96) }
```

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

```
.border{ border-color:rgb(127, 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(127, 213, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 213, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 213, 96);  
box-shadow:4px 4px 4px 4px rgb(127, 213,  
96) }
```


Background

The CSS property to change the background color of an element to Yxy 52.9451, 0.3237, 0.4945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 213, 96) }
```

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

```
.background{ background-color: rgb(127,  
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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