

Converting Colors

Yxy(56.1332, 0.3053, 0.4888)

Have a look what the booklet for
Yxy(56.1332, 0.3053, 0.4888)
contains.

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Color

Yxy(56.1537, 0.3052, 0.4883)

Conversions

Conversions Part 1

Format	Color
Hex	6EDD6E
RGB	110, 221, 110
RGB Percent	43%, 87%, 43%
CMY	0.5688, 0.1333, 0.5685
CMYK	0.50, 0.00, 0.50, 0.13
HSL	120°, 62%, 65%
HSV	120°, 50%, 87%
XYZ	35.0975, 56.1537, 23.7472
YIQ	175.1570, -30.5250, -58.0530

Conversions

Conversions Part 2

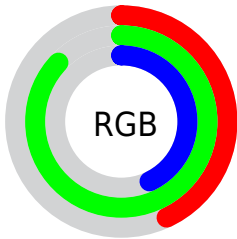
Format	Color
RYB	110, 221, 221
Decimal	7265646
CIELab	79.70, -53.79, 44.61
CIELCh	80, 69.885, 140.327
Yxy	56.1537, 0.3052, 0.4883
Android (android.graphics.Color)	4285455726 (0xFF6EDD6E)
YUV	175.1570, -32.1224, -57.1427
Hunter-Lab	74.9358, -47.5340, 33.6660

Details

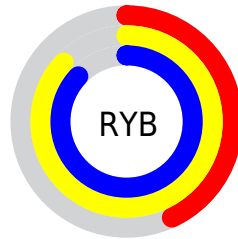
The Yxy color **56.1537, 0.3052, 0.4883** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **31.7313, 0.3184, 0.2086**, and the grayscale version is **43.1325, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.5252, 0.3099, 0.4364**, and **27.8304, 0.2968, 0.5358** is the 20% darker color. If you saturate the color by 10%, you get **54.4889, 0.3036, 0.5230**, and if you desaturate by 10%, it is **58.2965, 0.3069, 0.4523**.

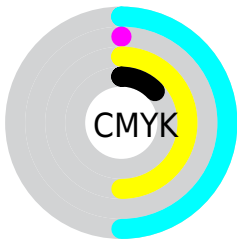
Distribution



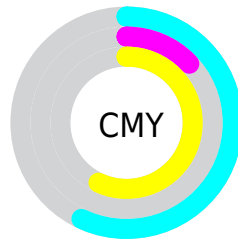
- Red (43%)
- Green (87%)
- Blue (43%)



- Red (43%)
- Yellow (87%)
- Blue (87%)



- Cyan (50%)
- Magenta (0%)
- Yellow (50%)
- Black (13%)





- Cyan (57%)
- Magenta (13%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.1537, 0.3052, 0.4883 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 56.1537, 0.3052, 0.4883 by changing the saturation by 10% instead.


 56.1537, 0.3052,
0.4883

 56.1537, 0.3052,
0.4883


410.2705, 0.3129,
0.4056


 40.3262, 0.3020,
0.5094

 99.2293, 0.3090,
0.4578


 27.7929, 0.2970,
0.5365


 127.2461, 0.3101,
0.4465

 18.1696, 0.2891,
0.5722


 160.0948, 0.3109,
0.4369

 11.0718, 0.2756,
0.6206

 198.1598, 0.3115,
0.4288

 6.1152, 0.2535,
0.6942

241.8255, 0.3120,
0.4218

 2.9152, 0.2068,
0.7932

291.4762, 0.3124,

 1.0876, 0.0000,

0.4157

1.0000

347.4964, 0.3127,
0.4103

■ 0.0000, 0.0000,
0.0000

■ 56.1537, 0.3052,
0.4883

■ 56.1537, 0.3052,
0.4883

■ 54.4889, 0.3036,
0.5230

■ 58.2965, 0.3069,
0.4523

■ 53.2591, 0.3021,
0.5536

■ 60.9425, 0.3085,
0.4173

■ 52.4258, 0.3010,
0.5774


■ 64.1232, 0.3101,
0.3847


■ 51.9402, 0.3003,
0.5926

■ 67.8660, 0.3115,
0.3554

■ 51.7183, 0.3000,
0.6000

■ 72.1959, 0.3127,
0.3296

 77.1368, 0.3137,
0.3072

 80.1980, 0.3143,
0.2960

Harmonies

Analogous

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



56.1537, 0.3901, 0.4924



56.1537, 0.3052, 0.4883



56.1537, 0.2268, 0.4129

Triad

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



56.1537, 0.3052, 0.4883



56.1537, 0.1753, 0.2011



56.1537, 0.4689, 0.3170

Complementary

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



56.1537, 0.3052, 0.4883



31.7313, 0.3184, 0.2086

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.



56.1537, 0.3925, 0.2598



56.1537, 0.3052, 0.4883



56.1537, 0.2213, 0.1962

Square

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



56.1537, 0.3052, 0.4883



56.1537, 0.1600, 0.2374



56.1537, 0.2981, 0.2171



56.1537, 0.4924, 0.3807

Rectangle

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



56.1537, 0.3052, 0.4883



56.1537, 0.1893, 0.3441



56.1537, 0.2981, 0.2171



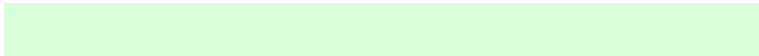
56.1537, 0.4481, 0.2969

Sweetspot

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



56.1561, 0.3052, 0.4883



91.2316, 0.3108, 0.3692



68.2163, 0.3860, 0.4502



19.2953, 0.3105, 0.3755



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.



56.1561, 0.3052, 0.4883



75.3062, 0.3035, 0.5238



57.7638, 0.2759, 0.4074



14.6064, 0.3116, 0.3531



30.0410, 0.3000, 0.6000



1.9463, 0.2999, 0.5998

Inverse Universe

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



31.7313, 0.3184, 0.2086



37.9759, 0.3194, 0.1894



29.2485, 0.3814, 0.2642



13.2747, 0.3138, 0.3060



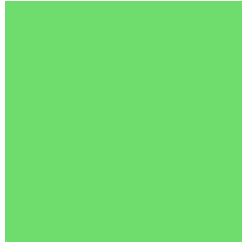
11.9579, 0.3211, 0.1542



0.7747, 0.3211, 0.1542

Previews

White Background



This preview shows how the Yxy color 56.1537, 0.3052, 0.4883 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 56.1537, 0.3052, 0.4883 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 56.1537, 0.3052, 0.4883

Background



This preview shows how black text looks on a background with the Yxy color 56.1537, 0.3052, 0.4883.



This preview shows how white text looks on a background with the Yxy color 56.1537, 0.3052, 0.4883.

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

56.1537, 0.3052, 0.4883

Protanopia

55.0381, 0.4004, 0.4367

Deuteranopia

55.0497, 0.4128, 0.4032



Tritanopia

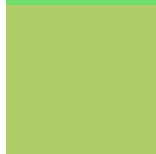
55.6989, 0.2544, 0.3071

Trichromacy



Original Color

56.1537, 0.3052, 0.4883



Protanomaly

54.0297, 0.3600, 0.4575



Deuteranomaly

53.1842, 0.3674, 0.4336



Tritanomaly

55.4430, 0.2735, 0.3703

Monochromacy



Original Color

56.1537, 0.3052, 0.4883



Achromatopsia

42.8690, 0.3127, 0.3290



Achromatomaly

46.5129, 0.3100, 0.3876

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.1537, 0.3052, 0.4883 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(110, 221, 110)` looks like.

```
.text, #text, p{  
    color:rgb(110, 221, 110)  
}
```

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(110, 221, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 221, 110) }
```

Border

The CSS property to change the border of an element to Yxy 56.1537, 0.3052, 0.4883 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(110, 221, 110) }
```

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

```
.border{ border-color:rgb(110, 221, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 221, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 221, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 221, 110);  
box-shadow:4px 4px 4px 4px rgb(110, 221,  
110) }
```


Background

The CSS property to change the background color of an element to Yxy 56.1537, 0.3052, 0.4883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 221, 110) }
```

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

```
.background{ background-color: rgb(110,  
221, 110) }
```

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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