

Converting Colors

Yxy(55.1749, 0.2942, 0.4884)

Have a look what the booklet for
Yxy(55.1749, 0.2942, 0.4884)
contains.

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Color

Yxy(55.1805, 0.2944, 0.4885)

Conversions

Conversions Part 1

Format	Color
Hex	5CDD71
RGB	92, 221, 113
RGB Percent	36%, 87%, 44%
CMY	0.6390, 0.1333, 0.5568
CMYK	0.58, 0.00, 0.49, 0.13
HSL	130°, 65%, 61%
HSV	130°, 58%, 87%
XYZ	33.2551, 55.1805, 24.5234
YIQ	170.1170, -42.2160, -60.9360

Conversions

Conversions Part 2

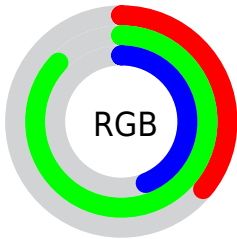
Format	Color
RYB	92, 203, 221
Decimal	6086001
CIELab	79.15, -57.78, 42.36
CIElCh	79, 71.646, 143.757
Yxy	55.1805, 0.2944, 0.4885
Android (android.graphics.Color)	4284276081 (0xFF5CDD71)
YUV	170.1170, -28.1587, -68.5086
Hunter-Lab	74.2836, -50.0857, 32.4250

Details

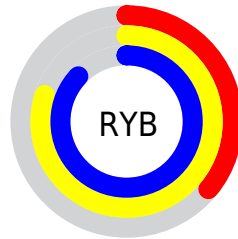
The Yxy color **55.1805, 0.2944, 0.4885** is a dark color, and the websafe version is hex **33CC66**. The color can be described as middle muted spring green. A complement of this color would be **27.2080, 0.3420, 0.2111**, and the grayscale version is **40.4273, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.9854, 0.2995, 0.4356**, and **27.2903, 0.2835, 0.5378** is the 20% darker color. If you saturate the color by 10%, you get **53.8298, 0.2932, 0.5189**, and if you desaturate by 10%, it is **56.9528, 0.2965, 0.4571**.

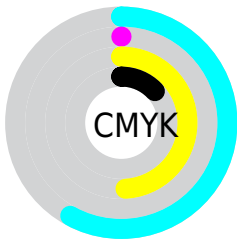
Distribution



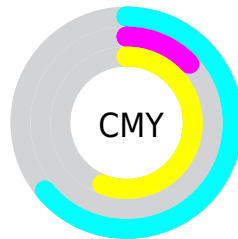
- Red (36%)
- Green (87%)
- Blue (44%)



- Red (36%)
- Yellow (80%)
- Blue (87%)



- Cyan (58%)
- Magenta (0%)
- Yellow (49%)
- Black (13%)





- Cyan (64%)
- Magenta (13%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.1805, 0.2944, 0.4885 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 55.1805, 0.2944, 0.4885 by changing the saturation by 10% instead.


 55.1805, 0.2944,
0.4885

 55.1805, 0.2944,
0.4885


406.5958, 0.3073,
0.4050


 39.5463, 0.2900,
0.5100

 97.8054, 0.3000,
0.4575


 27.1849, 0.2835,
0.5379


 125.5648, 0.3018,
0.4461

 17.7122, 0.2738,
0.5749


 158.1347, 0.3032,
0.4365

 10.7435, 0.2580,
0.6259

 195.8995, 0.3044,
0.4283

 5.8947, 0.2320,
0.7023

239.2436, 0.3053,
0.4212

 2.7811, 0.1784,
0.8216

288.5515, 0.3061,

 1.0186, 0.0000,

0.4151

1.0000

344.2074, 0.3067,
0.4098

■ 0.0000, 0.0000,
0.0000

■ 55.1805, 0.2944,
0.4885

■ 55.1805, 0.2944,
0.4885

■ 53.8298, 0.2932,
0.5189

■ 56.9528, 0.2965,
0.4571

■ 52.8587, 0.2932,
0.5462

■ 59.1706, 0.2994,
0.4262

■ 52.2288, 0.2943,
0.5687

■ 61.8644, 0.3026,
0.3971

■ 51.8820, 0.2962,
0.5849

■ 65.0598, 0.3062,
0.3705

■ 51.8390, 0.2964,
0.5871

■ 68.7807, 0.3098,
0.3467

■ 73.0493, 0.3133,
0.3257

■ 77.8867, 0.3167,
0.3074

■ 80.1921, 0.3143,
0.2960

Harmonies

Analogous

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



55.1805, 0.3820, 0.5002



55.1805, 0.2944, 0.4885



55.1805, 0.2165, 0.4037

Triad

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



55.1805, 0.2944, 0.4885



55.1805, 0.1756, 0.1957



55.1805, 0.4796, 0.3234

Complementary

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



55.1805, 0.2944, 0.4885



27.2080, 0.3420, 0.2111

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.



55.1805, 0.4056, 0.2640



55.1805, 0.2944, 0.4885



55.1805, 0.2263, 0.1941

Square

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



55.1805, 0.2944, 0.4885



55.1805, 0.1566, 0.2284



55.1805, 0.3082, 0.2183



55.1805, 0.4962, 0.3887

Rectangle

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



55.1805, 0.2944, 0.4885



55.1805, 0.1808, 0.3324



55.1805, 0.3082, 0.2183



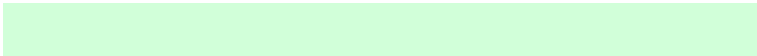
55.1805, 0.4603, 0.3026

Sweetspot

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



55.1828, 0.2944, 0.4885



90.0768, 0.3062, 0.3700



64.9945, 0.3800, 0.4745



18.9859, 0.3052, 0.3775



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.



55.1828, 0.2944, 0.4885



74.1075, 0.2931, 0.5252



57.1197, 0.2623, 0.3933



14.6406, 0.3094, 0.3492



30.1255, 0.2959, 0.5852



1.9625, 0.2884, 0.5582

Inverse Universe

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



27.2080, 0.3420, 0.2111



31.9885, 0.3497, 0.1943



24.8473, 0.4264, 0.2775



13.2366, 0.3162, 0.3096



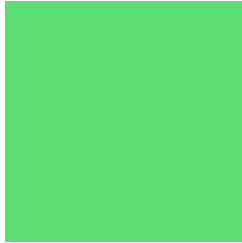
10.9810, 0.3666, 0.1793



0.7213, 0.3579, 0.1745

Previews

White Background



This preview shows how the Yxy color 55.1805, 0.2944, 0.4885 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 55.1805, 0.2944, 0.4885 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 55.1805, 0.2944, 0.4885

Background



This preview shows how black text looks on a background with the Yxy color 55.1805, 0.2944, 0.4885.



This preview shows how white text looks on a background with the Yxy color 55.1805, 0.2944, 0.4885.

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

55.1805, 0.2944, 0.4885

Protanopia

54.3258, 0.3979, 0.4345

Deuteranopia

54.1851, 0.4084, 0.4000



Tritanopia

55.1021, 0.2475, 0.3080

Trichromacy



Original Color

55.1805, 0.2944, 0.4885



Protanomaly

52.7933, 0.3533, 0.4568



Deuteranomaly

52.2460, 0.3583, 0.4326



Tritanomaly

54.3642, 0.2644, 0.3697

Monochromacy



Original Color

55.1805, 0.2944, 0.4885



Achromatopsia

40.1978, 0.3127, 0.3290



Achromatomaly

44.3159, 0.3044, 0.3879

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.1805, 0.2944, 0.4885 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(92, 221, 113)` looks like.

```
.text, #text, p{  
    color:rgb(92, 221, 113)  
}
```

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(92, 221, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 221, 113) }
```

Border

The CSS property to change the border of an element to Yxy 55.1805, 0.2944, 0.4885 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(92, 221, 113) }
```

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

```
.border{ border-color:rgb(92, 221, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 221, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 221, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 221, 113);  
box-shadow:4px 4px 4px 4px rgb(92, 221,  
113) }
```


Background

The CSS property to change the background color of an element to Yxy 55.1805, 0.2944, 0.4885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 221, 113) }
```

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

```
.background{ background-color: rgb(92, 221,  
113) }
```

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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