

Converting Colors

Yxy(55.8872, 0.3303, 0.4425)

Have a look what the booklet for
Yxy(55.8872, 0.3303, 0.4425)
contains.

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Color

Yxy(56.0929, 0.3306, 0.4429)

Conversions

Conversions Part 1

Format	Color
Hex	A0D47F
RGB	160, 212, 127
RGB Percent	63%, 83%, 50%
CMY	0.3725, 0.1686, 0.5021
CMYK	0.25, 0.00, 0.40, 0.17
HSL	97°, 50%, 66%
HSV	97°, 40%, 83%
XYZ	41.8702, 56.0929, 28.6860
YIQ	186.7620, -3.7070, -37.4590

Conversions

Conversions Part 2

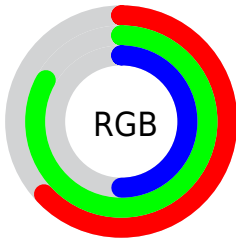
Format	Color
RYB	127, 212, 179
Decimal	10540159
CIELab	79.67, -31.91, 36.73
CIElCh	80, 48.655, 130.985
Yxy	56.0929, 0.3306, 0.4429
Android (android.graphics.Color)	4288730239 (0xFFA0D47F)
YUV	186.7620, -29.4627, -23.4703
Hunter-Lab	74.8952, -31.2761, 29.7176

Details

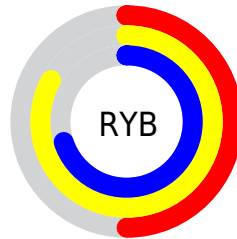
The Yxy color **56.0929, 0.3306, 0.4429** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **29.5030, 0.2850, 0.2209**, and the grayscale version is **49.7236, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.4551, 0.3306, 0.4084**, and **27.6999, 0.3319, 0.4762** is the 20% darker color. If you saturate the color by 10%, you get **54.3324, 0.3332, 0.4743**, and if you desaturate by 10%, it is **58.1139, 0.3269, 0.4118**.

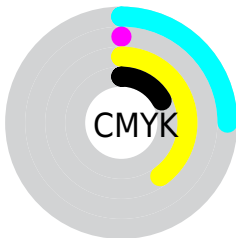
Distribution



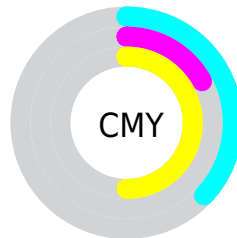
- Red (63%)
- Green (83%)
- Blue (50%)



- Red (50%)
- Yellow (83%)
- Blue (70%)



- Cyan (25%)
- Magenta (0%)
- Yellow (40%)
- Black (17%)




- Cyan (37%)
- Magenta (17%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.0929, 0.3306, 0.4429 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 56.0929, 0.3306, 0.4429 by changing the saturation by 10% instead.


 56.0929, 0.3306,
0.4429


 56.0929, 0.3306,
0.4429


410.0415, 0.3240,
0.3851

 40.2774, 0.3315,
0.4573


 99.1404, 0.3288,
0.4218

 27.7549, 0.3321,
0.4758


 127.1412, 0.3279,
0.4139

 18.1410, 0.3320,
0.5001


 159.9725, 0.3271,
0.4073

 11.0513, 0.3303,
0.5332

198.0189, 0.3264,
0.4015

 6.1013, 0.3242,
0.5799

241.6645, 0.3257,
0.3966

 2.9068, 0.3211,
0.6789

291.2939, 0.3251,

 1.0833, 0.1802,

0.3923

0.8198

347.2914, 0.3245,
0.3885

0.0000, 0.0000,
0.0000

56.0929, 0.3306,
0.4429

56.0929, 0.3306,
0.4429

54.3324, 0.3332,
0.4743

58.1139, 0.3269,
0.4118

52.8135, 0.3345,
0.5045

60.3988, 0.3225,
0.3821

51.5260, 0.3340,
0.5319


62.9603, 0.3177,
0.3545

50.4557, 0.3316,
0.5546

65.8078, 0.3128,
0.3293

49.5867, 0.3275,
0.5714

68.9504, 0.3079,
0.3066

 48.9003, 0.3222,
0.5824

 72.3967, 0.3031,
0.2863

 74.7728, 0.3117,
0.2867

 75.5698, 0.3147,
0.2871

Harmonies

Analogous

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



56.0929, 0.3897, 0.4389



56.0929, 0.3306, 0.4429



56.0929, 0.2698, 0.4048

Triad

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



56.0929, 0.3306, 0.4429



56.0929, 0.2050, 0.2426



56.0929, 0.4081, 0.3090

Complementary

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



56.0929, 0.3306, 0.4429



29.5030, 0.2850, 0.2209

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.



56.0929, 0.3491, 0.2674



56.0929, 0.3306, 0.4429



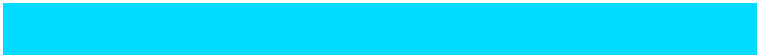
56.0929, 0.2335, 0.2298

Square

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



56.0929, 0.3306, 0.4429



56.0929, 0.2013, 0.2802



56.0929, 0.2844, 0.2393



56.0929, 0.4386, 0.3573

Rectangle

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



56.0929, 0.3306, 0.4429



56.0929, 0.2365, 0.3626



56.0929, 0.2844, 0.2393



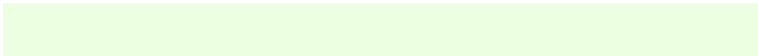
56.0929, 0.3906, 0.2941

Sweetspot

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



56.0953, 0.3306, 0.4429



94.8059, 0.3187, 0.3599



47.3658, 0.3876, 0.3914



20.1796, 0.3193, 0.3635



0.0000, 0.0000, 0.0000



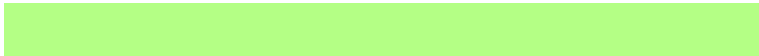
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



56.0953, 0.3306, 0.4429



82.9243, 0.3329, 0.4693



53.3617, 0.3020, 0.4391



14.1288, 0.3174, 0.3527



30.2406, 0.3232, 0.5816



1.8710, 0.3370, 0.5706

Inverse Universe

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



29.5030, 0.2850, 0.2209



37.2153, 0.2771, 0.1974



33.5033, 0.3256, 0.2394



12.3807, 0.3076, 0.3056



5.9059, 0.2262, 0.1020



0.4034, 0.2425, 0.1109

Previews

White Background



This preview shows how the Yxy color 56.0929, 0.3306, 0.4429 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 56.0929, 0.3306, 0.4429 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

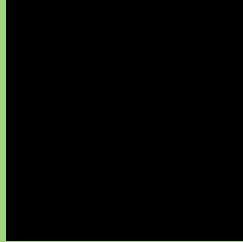
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.0929, 0.3306, 0.4429

Background



This preview shows how black text looks on a background with the Yxy color 56.0929, 0.3306, 0.4429.



This preview shows how white text looks on a background with the Yxy color 56.0929, 0.3306, 0.4429.

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

56.0929, 0.3306, 0.4429

Protanopia

55.7601, 0.3858, 0.4182

Deuteranopia

55.4652, 0.4003, 0.3913



Tritanopia

55.7817, 0.2820, 0.3092

Trichromacy



Original Color

56.0929, 0.3306, 0.4429



Protanomaly

55.2732, 0.3648, 0.4272



Deuteranomaly

54.9541, 0.3730, 0.4099



Tritanomaly

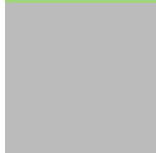
55.5584, 0.3003, 0.3561

Monochromacy



Original Color

56.0929, 0.3306, 0.4429



Achromatopsia

49.6933, 0.3127, 0.3290



Achromatomaly

51.5436, 0.3204, 0.3698

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.0929, 0.3306, 0.4429 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(160, 212, 127)` looks like.

```
.text, #text, p{  
    color:rgb(160, 212, 127)  
}
```

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(160, 212, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 212, 127) }
```

Border

The CSS property to change the border of an element to Yxy 56.0929, 0.3306, 0.4429 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(160, 212, 127) }
```

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

```
.border{ border-color:rgb(160, 212, 127) }
```

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

Here you see how a box with a 4 pixel rgb(160, 212, 127) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 212, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 212, 127);  
box-shadow:4px 4px 4px 4px rgb(160, 212,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 56.0929, 0.3306, 0.4429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 212, 127) }
```

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

```
.background{ background-color: rgb(160,  
212, 127) }
```

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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