

Converting Colors

Yxy(56.0595, 0.3330, 0.4387)

Have a look what the booklet for
Yxy(56.0595, 0.3330, 0.4387)
contains.

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Color

Yxy(56.0660, 0.3326, 0.4381)

Conversions

Conversions Part 1

Format	Color
Hex	A4D381
RGB	164, 211, 129
RGB Percent	64%, 83%, 51%
CMY	0.3569, 0.1725, 0.4941
CMYK	0.22, 0.00, 0.39, 0.17
HSL	94°, 48%, 67%
HSV	94°, 39%, 83%
XYZ	42.5646, 56.0660, 29.3447
YIQ	187.5990, -1.6900, -35.4660

Conversions

Conversions Part 2

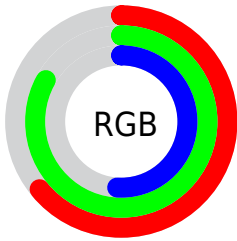
Format	Color
RYB	129, 211, 176
Decimal	10802049
CIELab	79.65, -29.75, 35.73
CIELCh	80, 46.495, 129.786
Yxy	56.0660, 0.3326, 0.4381
Android (android.graphics.Color)	4288992129 (0xFFA4D381)
YUV	187.5990, -28.8893, -20.6963
Hunter-Lab	74.8772, -29.5653, 29.1780

Details

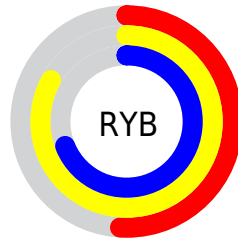
The Yxy color **56.0660, 0.3326, 0.4381** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **29.6342, 0.2831, 0.2236**, and the grayscale version is **50.2175, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.1545, 0.3321, 0.4056**, and **27.6420, 0.3347, 0.4698** is the 20% darker color. If you saturate the color by 10%, you get **54.3377, 0.3360, 0.4690**, and if you desaturate by 10%, it is **58.0375, 0.3282, 0.4076**.

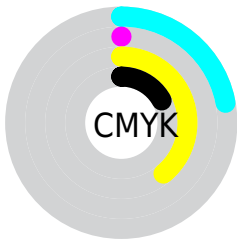
Distribution



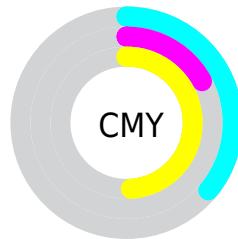
- Red (64%)
- Green (83%)
- Blue (51%)



- Red (51%)
- Yellow (83%)
- Blue (69%)



- Cyan (22%)
- Magenta (0%)
- Yellow (39%)
- Black (17%)




- Cyan (36%)
- Magenta (17%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.0660, 0.3326, 0.4381 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 56.0660, 0.3326, 0.4381 by changing the saturation by 10% instead.


 56.0660, 0.3326,
0.4381


 56.0660, 0.3326,
0.4381


409.9402, 0.3248,
0.3829


 40.2558, 0.3338,
0.4519


 99.1011, 0.3303,
0.4180

 27.7381, 0.3349,
0.4695


 127.0948, 0.3293,
0.4105

 18.1283, 0.3355,
0.4926


 159.9184, 0.3284,
0.4041

 11.0421, 0.3348,
0.5241

197.9565, 0.3275,
0.3986

 6.0952, 0.3305,
0.5687

241.5933, 0.3267,
0.3939

 2.9031, 0.3326,
0.6674

291.2132, 0.3260,

 1.0813, 0.2110,

0.3898

0.7890

347.2007, 0.3254,
0.3861

0.0000, 0.0000,
0.0000

56.0660, 0.3326,
0.4381

56.0660, 0.3326,
0.4381

54.3377, 0.3360,
0.4690

58.0375, 0.3282,
0.4076

52.8346, 0.3379,
0.4989

60.2546, 0.3231,
0.3784

51.5478, 0.3381,
0.5261


62.7291, 0.3176,
0.3512

50.4643, 0.3363,
0.5489

65.4697, 0.3121,
0.3263


49.5695, 0.3325,
0.5662


68.4846, 0.3066,
0.3039

 48.8423, 0.3272,
0.5777

 71.7430, 0.3017,
0.2843

 48.7677, 0.3266,
0.5789

 73.8910, 0.3102,
0.2855

 75.0721, 0.3147,
0.2861

Harmonies

Analogous

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



56.0660, 0.3888, 0.4335



56.0660, 0.3326, 0.4381



56.0660, 0.2740, 0.4032

Triad

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



56.0660, 0.3326, 0.4381



56.0660, 0.2085, 0.2472



56.0660, 0.4020, 0.3083

Complementary

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



56.0660, 0.3326, 0.4381



29.6342, 0.2831, 0.2236

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.



56.0660, 0.3451, 0.2685



56.0660, 0.3326, 0.4381



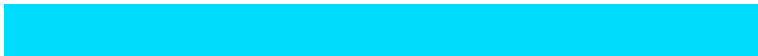
56.0660, 0.2352, 0.2338

Square

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



56.0660, 0.3326, 0.4381



56.0660, 0.2060, 0.2845



56.0660, 0.2835, 0.2420



56.0660, 0.4326, 0.3547

Rectangle

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



56.0660, 0.3326, 0.4381



56.0660, 0.2415, 0.3637



56.0660, 0.2835, 0.2420



56.0660, 0.3850, 0.2940

Sweetspot

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



56.0684, 0.3326, 0.4381



95.0069, 0.3194, 0.3598



46.2775, 0.3861, 0.3863



20.2268, 0.3202, 0.3634



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.



56.0684, 0.3326, 0.4381



83.7491, 0.3356, 0.4648



52.9930, 0.3039, 0.4391



13.4493, 0.3179, 0.3526



29.4868, 0.3277, 0.5780



1.6951, 0.3424, 0.5664

Inverse Universe

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



29.6342, 0.2831, 0.2236



37.4073, 0.2743, 0.1989



33.9830, 0.3225, 0.2393



11.7474, 0.3071, 0.3056



5.3515, 0.2180, 0.0974



0.3455, 0.2364, 0.1076

Previews

White Background



This preview shows how the Yxy color 56.0660, 0.3326, 0.4381 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 56.0660, 0.3326, 0.4381 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 56.0660, 0.3326, 0.4381

Background



This preview shows how black text looks on a background with the Yxy color 56.0660, 0.3326, 0.4381.



This preview shows how white text looks on a background with the Yxy color 56.0660, 0.3326, 0.4381.

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

56.0660, 0.3326, 0.4381

Protanopia

55.8096, 0.3843, 0.4160

Deuteranopia

55.3498, 0.3978, 0.3894



Tritanopia

56.0783, 0.2847, 0.3106

Trichromacy



Original Color

56.0660, 0.3326, 0.4381

Protanomaly

55.4575, 0.3643, 0.4245

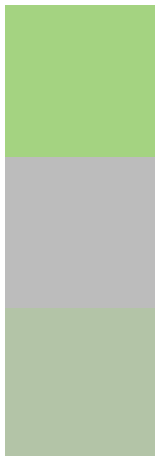
Deuteranomaly

54.7011, 0.3728, 0.4063

Tritanomaly

55.8940, 0.3025, 0.3560

Monochromacy



Original Color

56.0660, 0.3326, 0.4381

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

51.8536, 0.3205, 0.3669

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.0660, 0.3326, 0.4381 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(164, 211, 129)` looks like.

```
.text, #text, p{  
    color:rgb(164, 211, 129)  
}
```

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(164, 211, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 211, 129) }
```

Border

The CSS property to change the border of an element to Yxy 56.0660, 0.3326, 0.4381 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(164, 211, 129) }
```

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

```
.border{ border-color:rgb(164, 211, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 211, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 211, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 211, 129);  
box-shadow:4px 4px 4px 4px rgb(164, 211,  
129) }
```


Background

The CSS property to change the background color of an element to Yxy 56.0660, 0.3326, 0.4381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 211, 129) }
```

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

```
.background{ background-color: rgb(164,  
211, 129) }
```

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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