

Converting Colors

Yxy(57.8600, 0.3310, 0.4494)

Have a look what the booklet for
Yxy(57.8600, 0.3310, 0.4494)
contains.

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Color

Yxy(58.0660, 0.3310, 0.4495)

Conversions

Conversions Part 1

Format	Color
Hex	A0D87D
RGB	160, 216, 125
RGB Percent	63%, 85%, 49%
CMY	0.3724, 0.1529, 0.5098
CMYK	0.26, 0.00, 0.42, 0.15
HSL	97°, 54%, 67%
HSV	97°, 42%, 85%
XYZ	42.7583, 58.0660, 28.3548
YIQ	188.8820, -4.1650, -40.1730

Conversions

Conversions Part 2

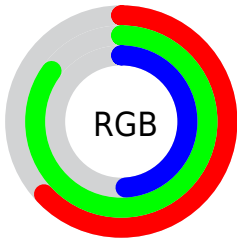
Format	Color
RYB	125, 216, 181
Decimal	10541181
CIELab	80.78, -34.02, 39.14
CIElCh	81, 51.855, 130.999
Yxy	58.0660, 0.3310, 0.4495
Android (android.graphics.Color)	4288731261 (0xFFA0D87D)
YUV	188.8820, -31.4938, -25.3295
Hunter-Lab	76.2010, -33.1911, 31.2786

Details

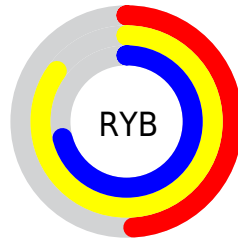
The Yxy color **58.0660, 0.3310, 0.4495** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **29.4450, 0.2834, 0.2152**, and the grayscale version is **51.0070, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.3736, 0.3317, 0.4106**, and **29.0483, 0.3320, 0.4841** is the 20% darker color. If you saturate the color by 10%, you get **56.2780, 0.3333, 0.4809**, and if you desaturate by 10%, it is **60.1255, 0.3275, 0.4182**.

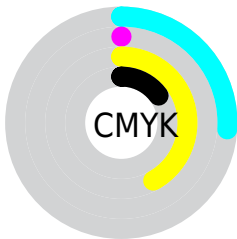
Distribution



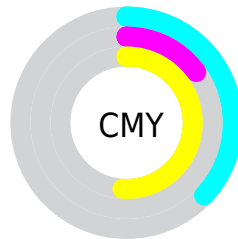
- Red (63%)
- Green (85%)
- Blue (49%)



- Red (49%)
- Yellow (85%)
- Blue (71%)



- Cyan (26%)
- Magenta (0%)
- Yellow (42%)
- Black (15%)



- Cyan (37%)
- Magenta (15%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.0660, 0.3310, 0.4495 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 58.0660, 0.3310, 0.4495 by changing the saturation by 10% instead.


 58.0660, 0.3310,
0.4495


 58.0660, 0.3310,
0.4495


417.4318, 0.3245,
0.3886

 41.8617, 0.3317,
0.4646


 102.0190, 0.3293,
0.4274

 28.9930, 0.3321,
0.4838


 130.5364, 0.3285,
0.4191

 19.0755, 0.3317,
0.5089


 163.9271, 0.3277,
0.4120

 11.7249, 0.3293,
0.5429

202.5753, 0.3269,
0.4060

 6.5566, 0.3222,
0.5902

246.8655, 0.3263,
0.4008

 3.1864, 0.3153,
0.6847

297.1820, 0.3256,

 1.2298, 0.1979,

0.3962

0.8021

353.9094, 0.3250,
0.3922

■ 0.0858, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 58.0660, 0.3310,
0.4495

■ 58.0660, 0.3310,
0.4495

■ 56.2780, 0.3333,
0.4809

■ 60.1255, 0.3275,
0.4182

■ 54.7414, 0.3342,
0.5108


■ 62.4603, 0.3233,
0.3881

■ 53.4451, 0.3332,
0.5373


■ 65.0839, 0.3186,
0.3599

■ 52.3740, 0.3305,
0.5590


■ 68.0063, 0.3138,
0.3342

 51.5105, 0.3260,
0.5744

 71.2372, 0.3089,
0.3109

 50.9571, 0.3217,
0.5827

 74.7858, 0.3041,
0.2902

 77.2194, 0.3131,
0.2909

 77.5917, 0.3145,
0.2910

Harmonies

Analogous

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



58.0660, 0.3931, 0.4445



58.0660, 0.3310, 0.4495



58.0660, 0.2673, 0.4092

Triad

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



58.0660, 0.3310, 0.4495



58.0660, 0.2000, 0.2382



58.0660, 0.4132, 0.3078

Complementary

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



58.0660, 0.3310, 0.4495



29.4450, 0.2834, 0.2152

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.



58.0660, 0.3509, 0.2645



58.0660, 0.3310, 0.4495



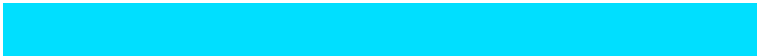
58.0660, 0.2297, 0.2252

Square

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



58.0660, 0.3310, 0.4495



58.0660, 0.1961, 0.2772



58.0660, 0.2829, 0.2352



58.0660, 0.4453, 0.3580

Rectangle

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



58.0660, 0.3310, 0.4495



58.0660, 0.2325, 0.3643



58.0660, 0.2829, 0.2352



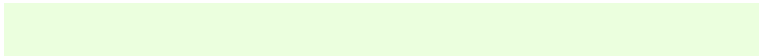
58.0660, 0.3947, 0.2922

Sweetspot

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



58.0685, 0.3310, 0.4495



94.3817, 0.3191, 0.3626



48.5604, 0.3922, 0.3946



20.0135, 0.3202, 0.3687



0.0000, 0.0000, 0.0000



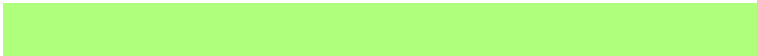
21.4041, 0.3127, 0.3290

Same Dimension

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



58.0685, 0.3310, 0.4495



82.1142, 0.3332, 0.4789



55.1955, 0.3015, 0.4459



14.1266, 0.3173, 0.3527



30.2192, 0.3228, 0.5819



1.8696, 0.3366, 0.5709

Inverse Universe

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



29.4450, 0.2834, 0.2152



34.8455, 0.2746, 0.1893



33.7658, 0.3264, 0.2350



12.3830, 0.3077, 0.3056



5.9431, 0.2270, 0.1024



0.4055, 0.2432, 0.1113

Previews

White Background



This preview shows how the Yxy color 58.0660, 0.3310, 0.4495 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 58.0660, 0.3310, 0.4495 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

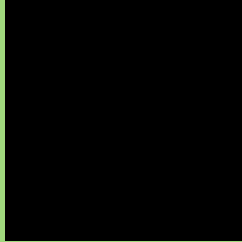
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.0660, 0.3310, 0.4495

Background



This preview shows how black text looks on a background with the Yxy color 58.0660, 0.3310, 0.4495.



This preview shows how white text looks on a background with the Yxy color 58.0660, 0.3310, 0.4495.

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

58.0660, 0.3310, 0.4495

Protanopia

57.7005, 0.3892, 0.4221

Deuteranopia

57.4256, 0.4030, 0.3945



Tritanopia

57.9971, 0.2805, 0.3095

Trichromacy



Original Color

58.0660, 0.3310, 0.4495



Protanomaly

57.5289, 0.3671, 0.4327



Deuteranomaly

56.7424, 0.3751, 0.4135



Tritanomaly

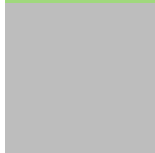
57.6921, 0.2997, 0.3584

Monochromacy



Original Color

58.0660, 0.3310, 0.4495



Achromatopsia

50.8881, 0.3127, 0.3290



Achromatomaly

53.0650, 0.3201, 0.3720

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.0660, 0.3310, 0.4495 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, 216, 125)` looks like.

```
.text, #text, p{  
    color:rgb(160, 216, 125)  
}
```

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, 216, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 216, 125) }
```

Border

The CSS property to change the border of an element to Yxy 58.0660, 0.3310, 0.4495 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, 216, 125) }
```

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

```
.border{ border-color:rgb(160, 216, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 216, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 216, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 216, 125);  
box-shadow:4px 4px 4px 4px rgb(160, 216,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 58.0660, 0.3310, 0.4495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 216, 125) }
```

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

```
.background{ background-color: rgb(160,  
216, 125) }
```

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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