

Converting Colors

Yxy(59.8031, 0.3399, 0.4694)

Have a look what the booklet for
Yxy(59.8031, 0.3399, 0.4694)
contains.

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Color

Yxy(60.0155, 0.3395, 0.4699)

Conversions

Conversions Part 1

Format	Color
Hex	A2DC6F
RGB	162, 220, 111
RGB Percent	64%, 86%, 44%
CMY	0.3648, 0.1372, 0.5646
CMYK	0.26, 0.00, 0.50, 0.14
HSL	92°, 61%, 65%
HSV	92°, 50%, 86%
XYZ	43.3608, 60.0155, 24.3434
YIQ	190.2320, 0.4210, -46.1950

Conversions

Conversions Part 2

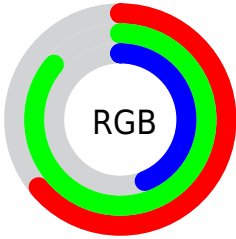
Format	Color
RYB	111, 220, 169
Decimal	10673263
CIELab	81.85, -36.85, 47.31
CIELCh	82, 59.969, 127.909
Yxy	60.0155, 0.3395, 0.4699
Android (android.graphics.Color)	4288863343 (0xFFA2DC6F)
YUV	190.2320, -39.0614, -24.7595
Hunter-Lab	77.4697, -35.6630, 35.5980

Details

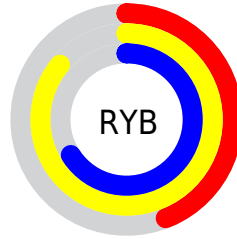
The Yxy color **60.0155, 0.3395, 0.4699** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **24.9819, 0.2677, 0.1912**, and the grayscale version is **51.8630, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.2967, 0.3416, 0.4250**, and **30.3518, 0.3408, 0.5094** is the 20% darker color. If you saturate the color by 10%, you get **58.4216, 0.3419, 0.4990**, and if you desaturate by 10%, it is **61.8483, 0.3356, 0.4395**.

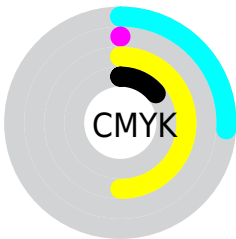
Distribution



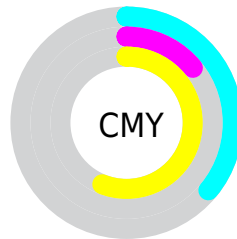
- Red (64%)
- Green (86%)
- Blue (44%)



- Red (44%)
- Yellow (86%)
- Blue (66%)



- Cyan (26%)
- Magenta (0%)
- Yellow (50%)
- Black (14%)





- Cyan (36%)
- Magenta (14%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.0155, 0.3395, 0.4699 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 60.0155, 0.3395, 0.4699 by changing the saturation by 10% instead.


 60.0155, 0.3395,
0.4699

 60.0155, 0.3395,
0.4699


424.6549, 0.3300,
0.3993


 43.4311, 0.3405,
0.4871


 104.8522, 0.3370,
0.4445

 30.2235, 0.3410,
0.5086


 133.8732, 0.3358,
0.4348

 20.0083, 0.3403,
0.5363


 167.8086, 0.3347,
0.4267

 12.4011, 0.3369,
0.5726

 207.0428, 0.3336,
0.4196

 7.0175, 0.3287,
0.6241

251.9601, 0.3326,
0.4135

 3.4730, 0.3060,
0.6940

302.9450, 0.3317,

 1.3834, 0.2006,

0.4082

0.7994

360.3818, 0.3308,
0.4035

0.2044, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

60.0155, 0.3395,
0.4699

60.0155, 0.3395,
0.4699

58.4216, 0.3419,
0.4990

61.8483, 0.3356,
0.4395

57.0466, 0.3424,
0.5253


63.9231, 0.3305,
0.4093


55.8799, 0.3408,
0.5472

66.2527, 0.3248,
0.3802

54.9058, 0.3371,
0.5636


68.8466, 0.3186,
0.3529

 54.1008, 0.3318,
0.5745

 71.7139, 0.3124,
0.3279

 54.0664, 0.3315,
0.5750

 74.8631, 0.3063,
0.3052

 77.6395, 0.3067,
0.2942

 79.6704, 0.3143,
0.2950

Harmonies

Analogous

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



60.0155, 0.4087, 0.4562



60.0155, 0.3395, 0.4699



60.0155, 0.2670, 0.4292

Triad

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



60.0155, 0.3395, 0.4699



60.0155, 0.1847, 0.2291



60.0155, 0.4215, 0.2987

Complementary

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



60.0155, 0.3395, 0.4699



24.9819, 0.2677, 0.1912

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.



60.0155, 0.3476, 0.2523



60.0155, 0.3395, 0.4699



60.0155, 0.2144, 0.2128

Square

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



60.0155, 0.3395, 0.4699



60.0155, 0.1830, 0.2751



60.0155, 0.2711, 0.2218



60.0155, 0.4625, 0.3537

Rectangle

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



60.0155, 0.3395, 0.4699



60.0155, 0.2267, 0.3778



60.0155, 0.2711, 0.2218



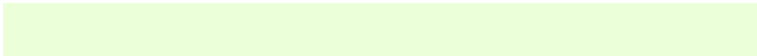
60.0155, 0.3991, 0.2819

Sweetspot

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



60.0181, 0.3395, 0.4699



94.1168, 0.3221, 0.3679



44.1241, 0.4149, 0.3957



19.9828, 0.3234, 0.3738



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.



60.0181, 0.3395, 0.4699



81.6328, 0.3419, 0.4989



55.7600, 0.3045, 0.4833



14.9031, 0.3186, 0.3527



31.7936, 0.3326, 0.5741



2.1107, 0.3453, 0.5640

Inverse Universe

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



24.9819, 0.2677, 0.1912



27.5029, 0.2556, 0.1636



31.6626, 0.3201, 0.2117



12.9567, 0.3064, 0.3054



5.3246, 0.2092, 0.0926



0.3961, 0.2264, 0.1021

Previews

White Background



This preview shows how the Yxy color 60.0155, 0.3395, 0.4699 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 60.0155, 0.3395, 0.4699 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

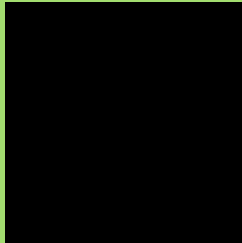
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.0155, 0.3395, 0.4699

Background



This preview shows how black text looks on a background with the Yxy color 60.0155, 0.3395, 0.4699.



This preview shows how white text looks on a background with the Yxy color 60.0155, 0.3395, 0.4699.

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

60.0155, 0.3395, 0.4699

Protanopia

59.5791, 0.4012, 0.4374

Deuteranopia

59.2221, 0.4178, 0.4076



Tritanopia

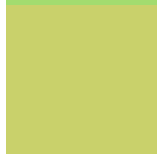
60.0773, 0.2816, 0.3098

Trichromacy



Original Color

60.0155, 0.3395, 0.4699



Protanomaly

59.0800, 0.3772, 0.4499



Deuteranomaly

58.5486, 0.3878, 0.4303



Tritanomaly

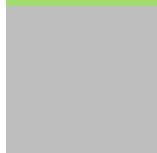
59.3901, 0.3038, 0.3658

Monochromacy



Original Color

60.0155, 0.3395, 0.4699



Achromatopsia

51.4918, 0.3127, 0.3290



Achromatomaly

54.0498, 0.3251, 0.3809

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.0155, 0.3395, 0.4699 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(162, 220, 111)` looks like.

```
.text, #text, p{  
    color:rgb(162, 220, 111)  
}
```

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(162, 220, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 220, 111) }
```

Border

The CSS property to change the border of an element to Yxy 60.0155, 0.3395, 0.4699 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(162, 220, 111) }
```

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

```
.border{ border-color:rgb(162, 220, 111) }
```

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

Here you see how a box with a 4 pixel rgb(162, 220, 111) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 220, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 220, 111);  
box-shadow:4px 4px 4px 4px rgb(162, 220,  
111) }
```


Background

The CSS property to change the background color of an element to Yxy 60.0155, 0.3395, 0.4699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 220, 111) }
```

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

```
.background{ background-color: rgb(162,  
220, 111) }
```

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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