

Converting Colors

$Yxy(61.1136, 0.3205, 0.4594)$

Have a look what the booklet for
Yxy(61.1136, 0.3205, 0.4594)
contains.

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Color

Yxy(61.1136, 0.3205, 0.4594)

Conversions

Conversions Part 1

Format	Color
Hex	94E07E
RGB	148, 224, 126
RGB Percent	58%, 88%, 49%
CMY	0.4195, 0.1216, 0.5060
CMYK	0.34, 0.00, 0.44, 0.12
HSL	107°, 61%, 69%
HSV	107°, 44%, 88%
XYZ	42.6358, 61.1136, 29.2797
YIQ	190.1040, -13.8380, -46.5900

Conversions

Conversions Part 2

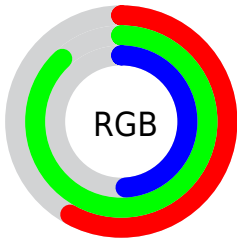
Format	Color
RYB	126, 224, 202
Decimal	9756798
CIELab	82.44, -41.56, 40.63
CIELCh	82, 58.121, 135.646
Yxy	61.1136, 0.3205, 0.4594
Android (android.graphics.Color)	4287946878 (0xFF94E07E)
YUV	190.1040, -31.6033, -36.9252
Hunter-Lab	78.1752, -39.4547, 32.5162

Details

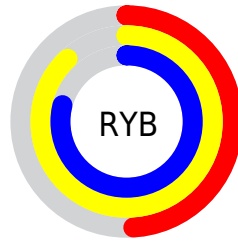
The Yxy color **61.1136, 0.3205, 0.4594** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **32.8494, 0.2966, 0.2153**, and the grayscale version is **51.7498, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.7944, 0.3241, 0.4113**, and **30.8404, 0.3181, 0.4959** is the 20% darker color. If you saturate the color by 10%, you get **59.1015, 0.3206, 0.4929**, and if you desaturate by 10%, it is **63.5033, 0.3195, 0.4260**.

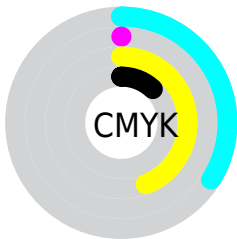
Distribution



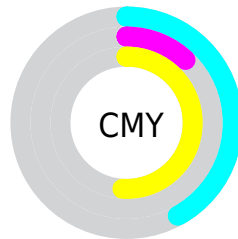
- Red (58%)
- Green (88%)
- Blue (49%)



- Red (49%)
- Yellow (88%)
- Blue (79%)



- Cyan (34%)
- Magenta (0%)
- Yellow (44%)
- Black (12%)





- Cyan (42%)
- Magenta (12%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.1136, 0.3205, 0.4594 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 61.1136, 0.3205, 0.4594 by changing the saturation by 10% instead.


 61.1136, 0.3205,
0.4594


 61.1136, 0.3205,
0.4594

428.6904, 0.3195,
0.3935


 44.3169, 0.3198,
0.4757


 106.4434, 0.3208,
0.4355

 30.9197, 0.3184,
0.4965


 135.7452, 0.3207,
0.4265

 20.5377, 0.3156,
0.5237


 169.9843, 0.3206,
0.4189

 12.7865, 0.3101,
0.5603

209.5448, 0.3204,
0.4123

 7.2817, 0.2986,
0.6113

254.8113, 0.3202,
0.4067

 3.6389, 0.2855,
0.7145

306.1681, 0.3199,

 1.4737, 0.1665,

0.4017

0.8335

363.9997, 0.3197,
0.3974

■ 0.2701, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 61.1136, 0.3205,
0.4594

■ 61.1136, 0.3205,
0.4594

■ 59.1015, 0.3206,
0.4929

■ 63.5033, 0.3195,
0.4260

■ 57.4396, 0.3196,
0.5246


■ 66.2808, 0.3179,
0.3942


■ 56.1091, 0.3175,
0.5522


■ 69.4654, 0.3159,
0.3648


■ 55.0860, 0.3143,
0.5738

■ 73.0732, 0.3136,
0.3382

 54.3428, 0.3103,
0.5881

 77.1189, 0.3112,
0.3146

 54.0001, 0.3078,
0.5938

 81.2654, 0.3122,
0.2988

 81.7925, 0.3141,
0.2989

Harmonies

Analogous

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



61.1136, 0.3900, 0.4594



61.1136, 0.3205, 0.4594



61.1136, 0.2526, 0.4074

Triad

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



61.1136, 0.3205, 0.4594



61.1136, 0.1935, 0.2258



61.1136, 0.4318, 0.3132

Complementary

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



61.1136, 0.3205, 0.4594



32.8494, 0.2966, 0.2153

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.



61.1136, 0.3662, 0.2651



61.1136, 0.3205, 0.4594



61.1136, 0.2294, 0.2165

Square

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



61.1136, 0.3205, 0.4594



61.1136, 0.1848, 0.2629



61.1136, 0.2905, 0.2309



61.1136, 0.4599, 0.3677

Rectangle

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



61.1136, 0.3205, 0.4594



61.1136, 0.2175, 0.3552



61.1136, 0.2905, 0.2309



61.1136, 0.4130, 0.2961

Sweetspot

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



61.1162, 0.3205, 0.4594



93.4940, 0.3158, 0.3630



59.1875, 0.3880, 0.4143



19.7961, 0.3162, 0.3692



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.



61.1162, 0.3205, 0.4594



79.3793, 0.3206, 0.4916



60.0175, 0.2921, 0.4283



15.4851, 0.3149, 0.3530



31.4735, 0.3086, 0.5932



2.2213, 0.3191, 0.5848

Inverse Universe

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



32.8494, 0.2966, 0.2153



36.5618, 0.2916, 0.1915



34.8350, 0.3438, 0.2475



13.7721, 0.3102, 0.3056



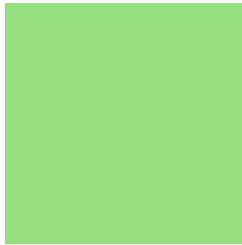
8.3992, 0.2648, 0.1232



0.6208, 0.2738, 0.1282

Previews

White Background



This preview shows how the Yxy color 61.1136, 0.3205, 0.4594 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 61.1136, 0.3205, 0.4594 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

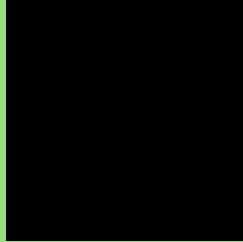
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.1136, 0.3205, 0.4594

Background



This preview shows how black text looks on a background with the Yxy color 61.1136, 0.3205, 0.4594.



This preview shows how white text looks on a background with the Yxy color 61.1136, 0.3205, 0.4594.

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

61.1136, 0.3205, 0.4594

Protanopia

60.3649, 0.3914, 0.4245

Deuteranopia

60.3165, 0.4046, 0.3951



Tritanopia

60.8511, 0.2707, 0.3084

Trichromacy



Original Color

61.1136, 0.3205, 0.4594



Protanomaly

59.7294, 0.3628, 0.4372



Deuteranomaly

59.4560, 0.3711, 0.4188



Tritanomaly

60.2884, 0.2886, 0.3597

Monochromacy



Original Color

61.1136, 0.3205, 0.4594



Achromatopsia

51.4918, 0.3127, 0.3290



Achromatomaly

54.1450, 0.3167, 0.3747

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.1136, 0.3205, 0.4594 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(148, 224, 126)` looks like.

```
.text, #text, p{  
    color:rgb(148, 224, 126)  
}
```

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(148, 224, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 224, 126) }
```

Border

The CSS property to change the border of an element to Yxy 61.1136, 0.3205, 0.4594 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(148, 224, 126) }
```

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

```
.border{ border-color:rgb(148, 224, 126) }
```

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

Here you see how a box with a 4 pixel rgb(148, 224, 126) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 224, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 224, 126);  
box-shadow:4px 4px 4px 4px rgb(148, 224,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 61.1136, 0.3205, 0.4594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 224, 126) }
```

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

```
.background{ background-color: rgb(148,  
224, 126) }
```

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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