

Converting Colors

$Yxy(61.3451, 0.3300, 0.4601)$

Have a look what the booklet for
Yxy(61.3451, 0.3300, 0.4601)
contains.

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Color

Yxy(61.4496, 0.3298, 0.4606)

Conversions

Conversions Part 1

Format	Color
Hex	9EDF7A
RGB	158, 223, 122
RGB Percent	62%, 87%, 48%
CMY	0.3805, 0.1255, 0.5215
CMYK	0.29, 0.00, 0.45, 0.13
HSL	99°, 61%, 68%
HSV	99°, 45%, 87%
XYZ	43.9993, 61.4496, 27.9632
YIQ	192.0510, -6.3190, -45.1910

Conversions

Conversions Part 2

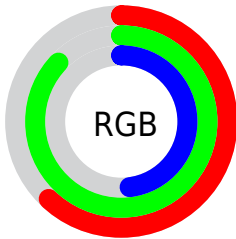
Format	Color
RYB	122, 223, 187
Decimal	10411898
CIELab	82.62, -38.30, 42.91
CIELCh	83, 57.513, 131.752
Yxy	61.4496, 0.3298, 0.4606
Android (android.graphics.Color)	4288601978 (0xFF9EDF7A)
YUV	192.0510, -34.5351, -29.8627
Hunter-Lab	78.3898, -36.9921, 33.7230

Details

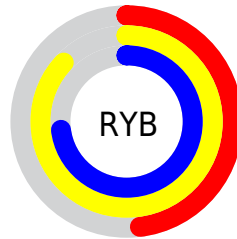
The Yxy color **61.4496, 0.3298, 0.4606** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **29.8268, 0.2832, 0.2071**, and the grayscale version is **52.9522, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.1017, 0.3328, 0.4140**, and **30.9759, 0.3294, 0.4965** is the 20% darker color. If you saturate the color by 10%, you get **59.5892, 0.3313, 0.4922**, and if you desaturate by 10%, it is **63.6124, 0.3271, 0.4287**.

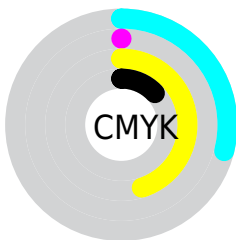
Distribution



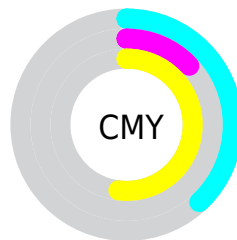
- Red (62%)
- Green (87%)
- Blue (48%)



- Red (48%)
- Yellow (87%)
- Blue (73%)



- Cyan (29%)
- Magenta (0%)
- Yellow (45%)
- Black (13%)





- Cyan (38%)
- Magenta (13%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.4496, 0.3298, 0.4606 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 61.4496, 0.3298, 0.4606 by changing the saturation by 10% instead.


 61.4496, 0.3298,
0.4606


 61.4496, 0.3298,
0.4606


429.9206, 0.3245,
0.3945


 44.5881, 0.3301,
0.4768


 106.9297, 0.3286,
0.4367

 31.1331, 0.3298,
0.4973


 136.3170, 0.3280,
0.4277

 20.7002, 0.3285,
0.5239


 170.6484, 0.3273,
0.4201

 12.9051, 0.3247,
0.5593

210.3083, 0.3267,
0.4135

 7.3632, 0.3153,
0.6077

255.6811, 0.3261,
0.4078

 3.6903, 0.3026,
0.6974

307.1511, 0.3255,

 1.5019, 0.2074,

0.4028

0.7926

365.1028, 0.3250,
0.3984

0.2900, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

61.4496, 0.3298,
0.4606

61.4496, 0.3298,
0.4606

59.5892, 0.3313,
0.4922

63.6124, 0.3271,
0.4287

58.0085, 0.3313,
0.5217


66.0831, 0.3235,
0.3978


56.6941, 0.3295,
0.5472


68.8769, 0.3194,
0.3687


55.6281, 0.3260,
0.5672

72.0057, 0.3151,
0.3420

 54.7891, 0.3211,
0.5806

 75.4808, 0.3106,
0.3180

 54.4586, 0.3186,
0.5852

 79.2590, 0.3068,
0.2972

 81.2594, 0.3142,
0.2980

Harmonies

Analogous

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



61.4496, 0.3973, 0.4546



61.4496, 0.3298, 0.4606



61.4496, 0.2613, 0.4154

Triad

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



61.4496, 0.3298, 0.4606



61.4496, 0.1921, 0.2301



61.4496, 0.4235, 0.3068

Complementary

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



61.4496, 0.3298, 0.4606



29.8268, 0.2832, 0.2071

Split Complementary

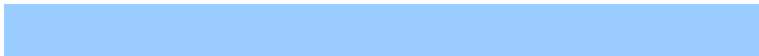
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



61.4496, 0.3558, 0.2605



61.4496, 0.3298, 0.4606



61.4496, 0.2242, 0.2174

Square

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



61.4496, 0.3298, 0.4606



61.4496, 0.1870, 0.2707



61.4496, 0.2818, 0.2288



61.4496, 0.4571, 0.3604

Rectangle

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



61.4496, 0.3298, 0.4606



61.4496, 0.2245, 0.3653



61.4496, 0.2818, 0.2288



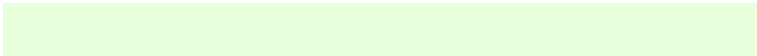
61.4496, 0.4035, 0.2902

Sweetspot

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



61.4523, 0.3298, 0.4606



93.8077, 0.3189, 0.3654



52.2055, 0.3977, 0.4032



19.8919, 0.3199, 0.3715



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.



61.4523, 0.3298, 0.4606



80.9533, 0.3312, 0.4895



58.6824, 0.2989, 0.4518



15.5734, 0.3169, 0.3529



32.0760, 0.3196, 0.5844



2.2724, 0.3317, 0.5749

Inverse Universe

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



29.8268, 0.2832, 0.2071



33.1312, 0.2751, 0.1826



34.2461, 0.3311, 0.2315



13.6788, 0.3081, 0.3055



6.6639, 0.2334, 0.1059



0.5116, 0.2470, 0.1134

Previews

White Background



This preview shows how the Yxy color 61.4496, 0.3298, 0.4606 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 61.4496, 0.3298, 0.4606 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 61.4496, 0.3298, 0.4606

Background



This preview shows how black text looks on a background with the Yxy color 61.4496, 0.3298, 0.4606.



This preview shows how white text looks on a background with the Yxy color 61.4496, 0.3298, 0.4606.

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

61.4496, 0.3298, 0.4606

Protanopia

60.9080, 0.3945, 0.4292

Deuteranopia

60.8390, 0.4079, 0.3999



Tritanopia

61.3039, 0.2768, 0.3087

Trichromacy



Original Color

61.4496, 0.3298, 0.4606



Protanomaly

60.8125, 0.3691, 0.4410



Deuteranomaly

60.0960, 0.3781, 0.4219



Tritanomaly

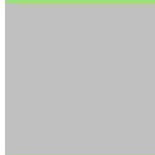
60.7100, 0.2971, 0.3618

Monochromacy



Original Color

61.4496, 0.3298, 0.4606



Achromatopsia

52.7115, 0.3127, 0.3290



Achromatomaly

55.2052, 0.3206, 0.3753

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.4496, 0.3298, 0.4606 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(158, 223, 122)` looks like.

```
.text, #text, p{  
    color:rgb(158, 223, 122)  
}
```

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(158, 223, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 223, 122) }
```

Border

The CSS property to change the border of an element to Yxy 61.4496, 0.3298, 0.4606 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(158, 223, 122) }
```

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

```
.border{ border-color:rgb(158, 223, 122) }
```

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

Here you see how a box with a 4 pixel rgb(158, 223, 122) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 223, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 223, 122);  
box-shadow:4px 4px 4px 4px rgb(158, 223,  
122) }
```


Background

The CSS property to change the background color of an element to Yxy 61.4496, 0.3298, 0.4606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 223, 122) }
```

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

```
.background{ background-color: rgb(158,  
223, 122) }
```

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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