

Converting Colors

Yxy(61.6862, 0.3300, 0.4481)

Have a look what the booklet for
Yxy(61.6862, 0.3300, 0.4481)
contains.

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Color

Yxy(61.7468, 0.3298, 0.4479)

Conversions

Conversions Part 1

Format	Color
Hex	A4DE82
RGB	164, 222, 130
RGB Percent	64%, 87%, 51%
CMY	0.3567, 0.1294, 0.4901
CMYK	0.26, 0.00, 0.41, 0.13
HSL	98°, 58%, 69%
HSV	98°, 41%, 87%
XYZ	45.4657, 61.7468, 30.6459
YIQ	194.1700, -5.0360, -40.9080

Conversions

Conversions Part 2

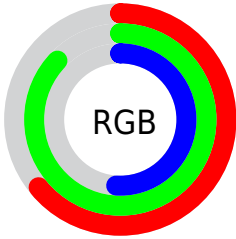
Format	Color
RYB	130, 222, 188
Decimal	10804866
CIELab	82.78, -34.73, 39.24
CIELCh	83, 52.402, 131.514
Yxy	61.7468, 0.3298, 0.4479
Android (android.graphics.Color)	4288994946 (0xFFA4DE82)
YUV	194.1700, -31.6358, -26.4591
Hunter-Lab	78.5791, -34.2338, 31.8822

Details

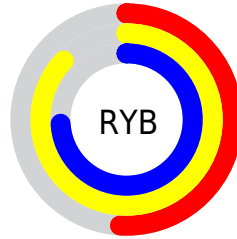
The Yxy color **61.7468, 0.3298, 0.4479** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **31.9328, 0.2853, 0.2174**, and the grayscale version is **54.2533, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.3528, 0.3322, 0.4043**, and **31.5169, 0.3306, 0.4811** is the 20% darker color. If you saturate the color by 10%, you get **59.8082, 0.3320, 0.4796**, and if you desaturate by 10%, it is **63.9831, 0.3265, 0.4164**.

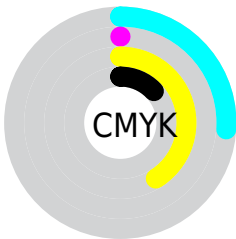
Distribution



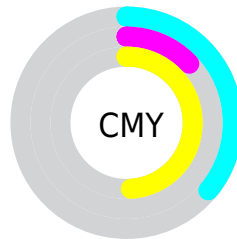
- Red (64%)
- Green (87%)
- Blue (51%)



- Red (51%)
- Yellow (87%)
- Blue (74%)



- Cyan (26%)
- Magenta (0%)
- Yellow (41%)
- Black (13%)




- Cyan (36%)
- Magenta (13%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.7468, 0.3298, 0.4479 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 61.7468, 0.3298, 0.4479 by changing the saturation by 10% instead.


 61.7468, 0.3298,
0.4479

 61.7468, 0.3298,
0.4479

431.0069, 0.3239,
0.3884


 44.8281, 0.3304,
0.4625


 107.3595, 0.3283,
0.4264

 31.3221, 0.3307,
0.4810


 136.8223, 0.3275,
0.4183

 20.8442, 0.3303,
0.5050


 171.2353, 0.3268,
0.4114

 13.0102, 0.3281,
0.5373

210.9829, 0.3261,
0.4055

 7.4356, 0.3218,
0.5820

256.4495, 0.3255,
0.4004

 3.7360, 0.3208,
0.6788

308.0194, 0.3249,

 1.5270, 0.2455,

0.3959

0.7545

366.0771, 0.3244,
0.3919

■ 0.3076, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 61.7468, 0.3298,
0.4479

■ 61.7468, 0.3298,
0.4479

■ 59.8082, 0.3320,
0.4796

■ 63.9831, 0.3265,
0.4164

■ 58.1457, 0.3328,
0.5099

■ 66.5218, 0.3225,
0.3862


■ 56.7470, 0.3318,
0.5370


■ 69.3773, 0.3180,
0.3581


■ 55.5956, 0.3290,
0.5591


■ 72.5608, 0.3134,
0.3325

 54.6725, 0.3246,
0.5750

 76.0829, 0.3087,
0.3094

 54.0396, 0.3200,
0.5841

 79.4132, 0.3094,
0.2965

 80.7216, 0.3142,
0.2970

Harmonies

Analogous

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



61.7468, 0.3915, 0.4438



61.7468, 0.3298, 0.4479



61.7468, 0.2668, 0.4073

Triad

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



61.7468, 0.3298, 0.4479



61.7468, 0.2013, 0.2386



61.7468, 0.4131, 0.3089

Complementary

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



61.7468, 0.3298, 0.4479



31.9328, 0.2853, 0.2174

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.



61.7468, 0.3517, 0.2657



61.7468, 0.3298, 0.4479



61.7468, 0.2311, 0.2261

Square

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



61.7468, 0.3298, 0.4479



61.7468, 0.1969, 0.2769



61.7468, 0.2842, 0.2364



61.7468, 0.4442, 0.3587

Rectangle

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



61.7468, 0.3298, 0.4479



61.7468, 0.2325, 0.3628



61.7468, 0.2842, 0.2364



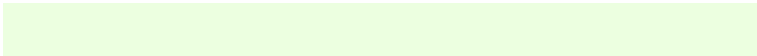
61.7468, 0.3949, 0.2934

Sweetspot

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



61.7495, 0.3298, 0.4479



94.7078, 0.3183, 0.3599



52.5712, 0.3901, 0.3953



20.1566, 0.3189, 0.3635



0.0000, 0.0000, 0.0000



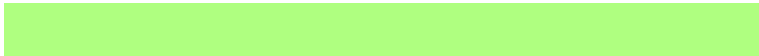
21.4041, 0.3127, 0.3290

Same Dimension

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



61.7495, 0.3298, 0.4479



82.1387, 0.3318, 0.4763



58.9043, 0.3008, 0.4416



15.5828, 0.3171, 0.3528



32.1571, 0.3211, 0.5833



2.2787, 0.3332, 0.5737

Inverse Universe

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



31.9328, 0.2853, 0.2174



35.9166, 0.2772, 0.1927



36.2154, 0.3277, 0.2378



13.6691, 0.3079, 0.3055



6.5047, 0.2302, 0.1042



0.5013, 0.2442, 0.1119

Previews

White Background



This preview shows how the Yxy color 61.7468, 0.3298, 0.4479 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 61.7468, 0.3298, 0.4479 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

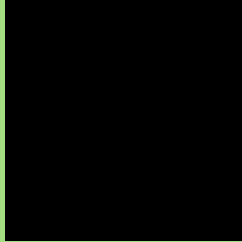
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.7468, 0.3298, 0.4479

Background



This preview shows how black text looks on a background with the Yxy color 61.7468, 0.3298, 0.4479.



This preview shows how white text looks on a background with the Yxy color 61.7468, 0.3298, 0.4479.

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

61.7468, 0.3298, 0.4479

Protanopia

61.1254, 0.3884, 0.4200

Deuteranopia

60.8503, 0.4017, 0.3931



Tritanopia

61.7183, 0.2800, 0.3100

Trichromacy



Original Color

61.7468, 0.3298, 0.4479



Protanomaly

60.7914, 0.3660, 0.4304



Deuteranomaly

59.9828, 0.3737, 0.4117



Tritanomaly

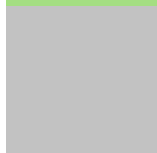
61.4053, 0.2986, 0.3576

Monochromacy



Original Color

61.7468, 0.3298, 0.4479



Achromatopsia

53.9479, 0.3127, 0.3290



Achromatomaly

56.1933, 0.3200, 0.3709

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.7468, 0.3298, 0.4479 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, 222, 130)` looks like.

```
.text, #text, p{  
    color:rgb(164, 222, 130)  
}
```

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, 222, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 222, 130) }
```

Border

The CSS property to change the border of an element to Yxy 61.7468, 0.3298, 0.4479 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, 222, 130) }
```

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

```
.border{ border-color:rgb(164, 222, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 222, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(164, 222, 130); -webkit-box-shadow:4px 4px 4px 4px rgb(164, 222, 130); box-shadow:4px 4px 4px 4px rgb(164, 222, 130) }
```


Background

The CSS property to change the background color of an element to Yxy 61.7468, 0.3298, 0.4479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 222, 130) }
```

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

```
.background{ background-color: rgb(164,  
222, 130) }
```

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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