

Converting Colors

Yxy(61.8392, 0.3177, 0.4001)

Have a look what the booklet for
Yxy(61.8392, 0.3177, 0.4001)
contains.

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Color

Yxy(61.7501, 0.3178, 0.4002)

Conversions

Conversions Part 1

Format	Color
Hex	AEDAA2
RGB	174, 218, 162
RGB Percent	68%, 85%, 64%
CMY	0.3179, 0.1450, 0.3647
CMYK	0.20, 0.00, 0.26, 0.15
HSL	107°, 43%, 75%
HSV	107°, 26%, 85%
XYZ	49.0359, 61.7501, 43.5121
YIQ	198.4600, -8.2480, -26.7440

Conversions

Conversions Part 2

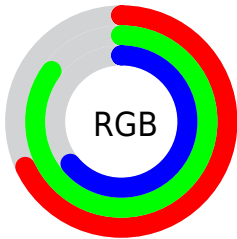
Format	Color
RYB	162, 218, 206
Decimal	11459234
CIELab	82.78, -24.76, 23.00
CIElCh	83, 33.792, 137.117
Yxy	61.7501, 0.3178, 0.4002
Android (android.graphics.Color)	4289649314 (0xFFFAEDAA2)
YUV	198.4600, -17.9748, -21.4514
Hunter-Lab	78.5812, -26.1303, 22.1768

Details

The Yxy color **61.7501, 0.3178, 0.4002** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **44.0346, 0.3053, 0.2633**, and the grayscale version is **56.8750, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.3527, 0.3190, 0.3680**, and **31.3851, 0.3184, 0.4199** is the 20% darker color. If you saturate the color by 10%, you get **59.1981, 0.3191, 0.4324**, and if you desaturate by 10%, it is **64.6935, 0.3160, 0.3703**.

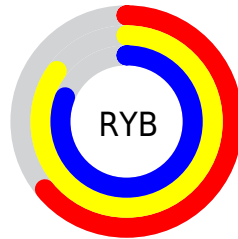
Distribution



Red (68%)

Green (85%)

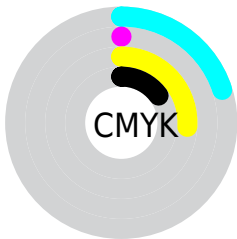
Blue (64%)



Red (64%)

Yellow (85%)

Blue (81%)

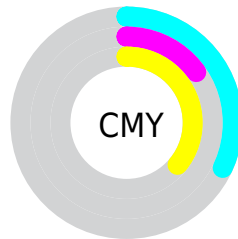


Cyan (20%)

Magenta (0%)

Yellow (26%)

Black (15%)



Cyan (32%)


Magenta (15%)


Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.7501, 0.3178, 0.4002 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 61.7501, 0.3178, 0.4002 by changing the saturation by 10% instead.


 61.7501, 0.3178,
0.4002

 61.7501, 0.3178,
0.4002


431.0190, 0.3161,
0.3649

 44.8308, 0.3180,
0.4089


 107.3643, 0.3174,
0.3875

 31.3242, 0.3180,
0.4199


 136.8279, 0.3172,
0.3827

 20.8458, 0.3178,
0.4344


171.2419, 0.3170,
0.3786

 13.0114, 0.3172,
0.4543

210.9904, 0.3168,
0.3751

 7.4364, 0.3153,
0.4830

256.4580, 0.3166,
0.3720

 3.7365, 0.3101,
0.5277

308.0290, 0.3164,

 1.5273, 0.3265,

0.3694

366.0879, 0.3163,
0.3670

0.6735

0.3078, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

61.7501, 0.3178,
0.4002

61.7501, 0.3178,
0.4002

59.1981, 0.3191,
0.4324

64.6935, 0.3160,
0.3703

57.0132, 0.3198,
0.4660

68.0357, 0.3140,
0.3431

55.1803, 0.3196,
0.4994

71.7939, 0.3118,
0.3190

53.6804, 0.3183,
0.5306

75.9819, 0.3095,
0.2976

■ 52.4925, 0.3160,
0.5574

■ 78.6339, 0.3144,
0.2930

■ 51.5929, 0.3127,
0.5777

■ 50.9540, 0.3087,
0.5905

■ 50.7453, 0.3071,
0.5943

Harmonies

Analogous

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



61.7501, 0.3592, 0.4057



61.7501, 0.3178, 0.4002



61.7501, 0.2768, 0.3708

Triad

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



61.7501, 0.3178, 0.4002



61.7501, 0.2401, 0.2666



61.7501, 0.3827, 0.3234

Complementary

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



61.7501, 0.3178, 0.4002



44.0346, 0.3053, 0.2633

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.



61.7501, 0.3467, 0.2917



61.7501, 0.3178, 0.4002



61.7501, 0.2645, 0.2596

Square

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



61.7501, 0.3178, 0.4002



61.7501, 0.2339, 0.2906



61.7501, 0.3029, 0.2689



61.7501, 0.3985, 0.3581

Rectangle

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



61.7501, 0.3178, 0.4002



61.7501, 0.2550, 0.3431



61.7501, 0.3029, 0.2689



61.7501, 0.3724, 0.3121

Sweetspot

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



61.7527, 0.3178, 0.4002



95.8364, 0.3145, 0.3493



61.6027, 0.3546, 0.3800



20.3546, 0.3148, 0.3533



0.0000, 0.0000, 0.0000



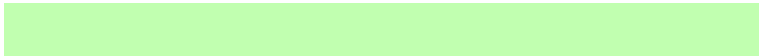
21.4041, 0.3127, 0.3290

Same Dimension

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



61.7527, 0.3178, 0.4002



85.9628, 0.3186, 0.4179



61.0434, 0.2993, 0.3807



14.7392, 0.3148, 0.3529



30.4331, 0.3079, 0.5937



2.0093, 0.3189, 0.5850

Inverse Universe

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



44.0346, 0.3053, 0.2633



56.4555, 0.3032, 0.2485



45.0176, 0.3294, 0.2824



13.1276, 0.3104, 0.3057



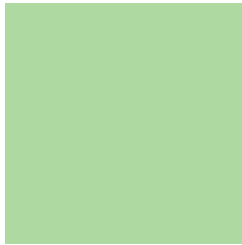
8.3051, 0.2677, 0.1249



0.5737, 0.2768, 0.1299

Previews

White Background



This preview shows how the Yxy color 61.7501, 0.3178, 0.4002 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 61.7501, 0.3178, 0.4002 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

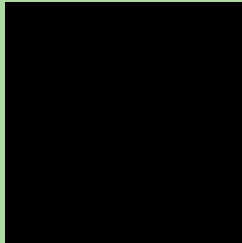
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.7501, 0.3178, 0.4002

Background



This preview shows how black text looks on a background with the Yxy color 61.7501, 0.3178, 0.4002.

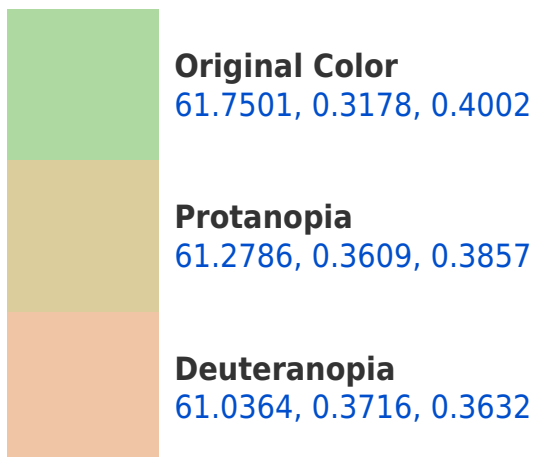


This preview shows how white text looks on a background with the Yxy color 61.7501, 0.3178, 0.4002.

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

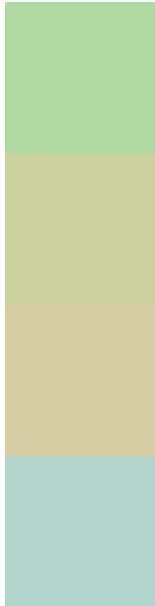




Tritanopia

61.7745, 0.2838, 0.3101

Trichromacy



Original Color

61.7501, 0.3178, 0.4002

Protanomaly

61.2583, 0.3442, 0.3916

Deuteranomaly

60.8263, 0.3501, 0.3759

Tritanomaly

61.6036, 0.2957, 0.3412

Monochromacy



Original Color

61.7501, 0.3178, 0.4002

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

57.9842, 0.3146, 0.3537

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.7501, 0.3178, 0.4002 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(174, 218, 162)` looks like.

```
.text, #text, p{  
    color:rgb(174, 218, 162)  
}
```

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(174, 218, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 218, 162) }
```

Border

The CSS property to change the border of an element to Yxy 61.7501, 0.3178, 0.4002 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(174, 218, 162) }
```

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

```
.border{ border-color:rgb(174, 218, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 218, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 218, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 218, 162);  
box-shadow:4px 4px 4px 4px rgb(174, 218,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 61.7501, 0.3178, 0.4002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 218, 162) }
```

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

```
.background{ background-color: rgb(174,  
218, 162) }
```

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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