

Converting Colors

Yxy(61.6472, 0.3143, 0.3815)

Have a look what the booklet for
Yxy(61.6472, 0.3143, 0.3815)
contains.

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Color

Yxy(61.7514, 0.3138, 0.3816)

Conversions

Conversions Part 1

Format	Color
Hex	B3D8AE
RGB	179, 216, 174
RGB Percent	70%, 85%, 68%
CMY	0.2982, 0.1529, 0.3176
CMYK	0.17, 0.00, 0.19, 0.15
HSL	113°, 35%, 76%
HSV	113°, 19%, 85%
XYZ	50.7798, 61.7514, 49.2911
YIQ	200.1490, -8.5700, -20.9060

Conversions

Conversions Part 2

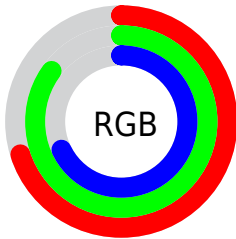
Format	Color
RYB	174, 216, 211
Decimal	11786414
CIELab	82.78, -20.07, 16.74
CIElCh	83, 26.134, 140.155
Yxy	61.7514, 0.3138, 0.3816
Android (android.graphics.Color)	4289976494 (0xFFB3D8AE)
YUV	200.1490, -12.8915, -18.5477
Hunter-Lab	78.5821, -22.1716, 17.8174

Details

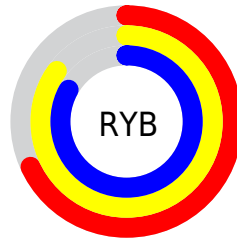
The Yxy color **61.7514, 0.3138, 0.3816** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **49.0924, 0.3108, 0.2804**, and the grayscale version is **57.9377, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.8953, 0.3146, 0.3542**, and **31.3058, 0.3142, 0.3966** is the 20% darker color. If you saturate the color by 10%, you get **58.8629, 0.3140, 0.4131**, and if you desaturate by 10%, it is **65.0944, 0.3133, 0.3530**.

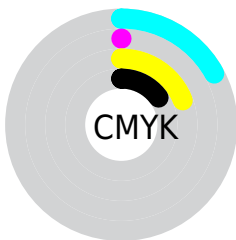
Distribution



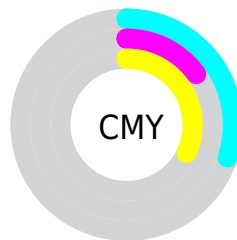
- Red (70%)
- Green (85%)
- Blue (68%)



- Red (68%)
- Yellow (85%)
- Blue (83%)



- Cyan (17%)
- Magenta (0%)
- Yellow (19%)
- Black (15%)




- Cyan (30%)
- Magenta (15%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.7514, 0.3138, 0.3816 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 61.7514, 0.3138, 0.3816 by changing the saturation by 10% instead.


 61.7514, 0.3138,
0.3816

 61.7514, 0.3138,
0.3816


431.0237, 0.3137,
0.3557

 44.8319, 0.3137,
0.3879


 107.3662, 0.3139,
0.3723

 31.3250, 0.3135,
0.3960


136.8302, 0.3139,
0.3688

 20.8465, 0.3131,
0.4065


171.2444, 0.3138,
0.3658

 13.0118, 0.3124,
0.4210

210.9934, 0.3138,
0.3632

 7.4367, 0.3109,
0.4419

256.4614, 0.3138,
0.3610

 3.7367, 0.3075,
0.4748

308.0328, 0.3138,

 1.5274, 0.3107,

0.3590

0.5549

366.0921, 0.3137,
0.3573

0.3079, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

61.7514, 0.3138,
0.3816

61.7514, 0.3138,
0.3816

58.8629, 0.3140,
0.4131

65.0944, 0.3133,
0.3530

56.4017, 0.3138,
0.4469

68.9021, 0.3127,
0.3277

54.3499, 0.3131,
0.4817

73.1941, 0.3119,
0.3054

52.6849, 0.3119,
0.5156

77.5987, 0.3145,
0.2911

■ 51.3824, 0.3100,
0.5461

■ 50.4148, 0.3077,
0.5709

■ 49.7508, 0.3052,
0.5880

■ 49.3478, 0.3027,
0.5975

■ 49.3313, 0.3027,
0.5979

Harmonies

Analogous

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



61.7514, 0.3463, 0.3885



61.7514, 0.3138, 0.3816



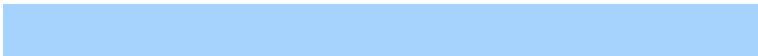
61.7514, 0.2822, 0.3580

Triad

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



61.7514, 0.3138, 0.3816



61.7514, 0.2571, 0.2792



61.7514, 0.3687, 0.3279

Complementary

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



61.7514, 0.3138, 0.3816



49.0924, 0.3108, 0.2804

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.



61.7514, 0.3424, 0.3021



61.7514, 0.3138, 0.3816



61.7514, 0.2778, 0.2745

Square

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



61.7514, 0.3138, 0.3816



61.7514, 0.2505, 0.2973



61.7514, 0.3088, 0.2830



61.7514, 0.3791, 0.3553

Rectangle

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



61.7514, 0.3138, 0.3816



61.7514, 0.2656, 0.3369



61.7514, 0.3088, 0.2830



61.7514, 0.3614, 0.3189

Sweetspot

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



61.7540, 0.3138, 0.3816



96.5829, 0.3131, 0.3441



63.9548, 0.3430, 0.3711



20.5964, 0.3132, 0.3458



0.0000, 0.0000, 0.0000



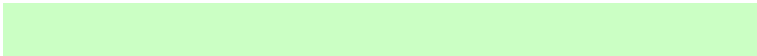
21.4041, 0.3127, 0.3290

Same Dimension

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



61.7540, 0.3138, 0.3816



88.2550, 0.3139, 0.3932



61.8104, 0.3003, 0.3622



13.9654, 0.3133, 0.3530



29.2194, 0.3032, 0.5975



1.7863, 0.3112, 0.5911

Inverse Universe

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



49.0924, 0.3108, 0.2804



66.8303, 0.3103, 0.2707



49.0755, 0.3276, 0.2980



12.5550, 0.3119, 0.3059



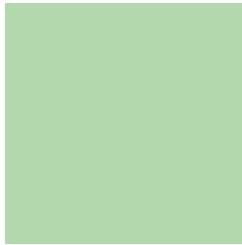
9.4863, 0.2915, 0.1380



0.5937, 0.2969, 0.1409

Previews

White Background



This preview shows how the Yxy color 61.7514, 0.3138, 0.3816 looks on a white background.

Color Contrast Check

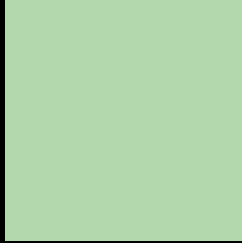
Large Text (above 18pt) WCAG AA × Fail

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 61.7514, 0.3138, 0.3816 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

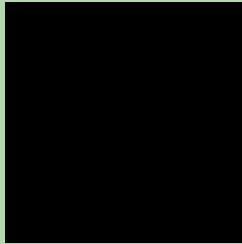
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

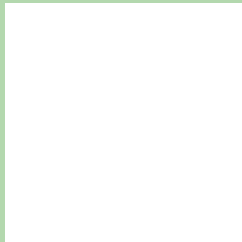
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.7514, 0.3138, 0.3816

Background



This preview shows how black text looks on a background with the Yxy color 61.7514, 0.3138, 0.3816.

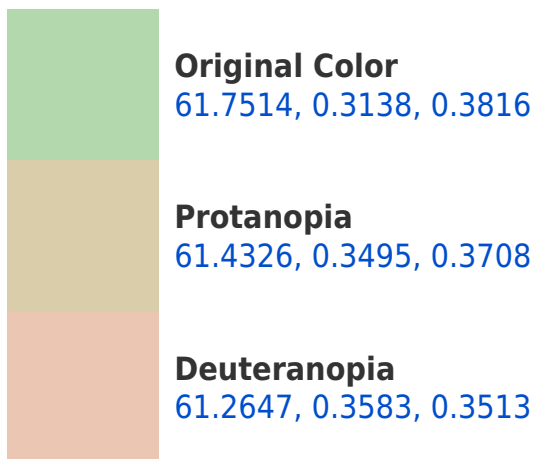


This preview shows how white text looks on a background with the Yxy color 61.7514, 0.3138, 0.3816.

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

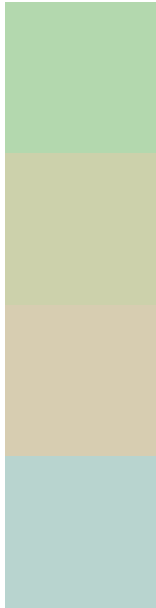




Tritanopia

61.6567, 0.2858, 0.3090

Trichromacy



Original Color

61.7514, 0.3138, 0.3816

Protanomaly

61.3786, 0.3359, 0.3745

Deuteranomaly

61.2840, 0.3410, 0.3617

Tritanomaly

61.7823, 0.2959, 0.3350

Monochromacy



Original Color

61.7514, 0.3138, 0.3816

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

59.1107, 0.3126, 0.3473

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.7514, 0.3138, 0.3816 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(179, 216, 174)` looks like.

```
.text, #text, p{  
    color:rgb(179, 216, 174)  
}
```

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(179, 216, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 216, 174) }
```

Border

The CSS property to change the border of an element to Yxy 61.7514, 0.3138, 0.3816 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(179, 216, 174) }
```

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

```
.border{ border-color:rgb(179, 216, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 216, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 216, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 216, 174);  
box-shadow:4px 4px 4px 4px rgb(179, 216,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 61.7514, 0.3138, 0.3816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 216, 174) }
```

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

```
.background{ background-color: rgb(179,  
216, 174) }
```

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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