

Converting Colors

Yxy(61.4963, 0.3387, 0.4253)

Have a look what the booklet for
Yxy(61.4963, 0.3387, 0.4253)
contains.

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Color

Yxy(61.5864, 0.3390, 0.4254)

Conversions

Conversions Part 1

Format	Color
Hex	B7D98C
RGB	183, 217, 140
RGB Percent	72%, 85%, 55%
CMY	0.2823, 0.1490, 0.4510
CMYK	0.16, 0.00, 0.35, 0.15
HSL	86°, 50%, 70%
HSV	86°, 35%, 85%
XYZ	49.0780, 61.5864, 34.1085
YIQ	198.0560, 4.4530, -31.1550

Conversions

Conversions Part 2

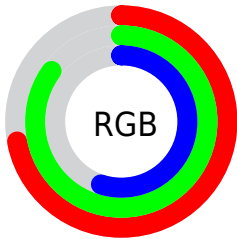
Format	Color
RYB	140, 217, 174
Decimal	12048780
CIELab	82.69, -24.27, 34.33
CIElCh	83, 42.042, 125.259
Yxy	61.5864, 0.3390, 0.4254
Android (android.graphics.Color)	4290238860 (0xFFB7D98C)
YUV	198.0560, -28.6216, -13.2041
Hunter-Lab	78.4770, -25.7043, 29.1647

Details

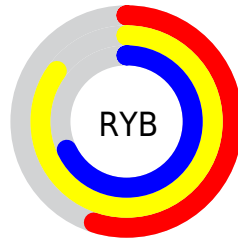
The Yxy color **61.5864, 0.3390, 0.4254** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **32.7599, 0.2771, 0.2307**, and the grayscale version is **56.6861, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.9403, 0.3389, 0.3910**, and **31.2291, 0.3434, 0.4511** is the 20% darker color. If you saturate the color by 10%, you get **59.8761, 0.3450, 0.4546**, and if you desaturate by 10%, it is **63.5082, 0.3321, 0.3964**.

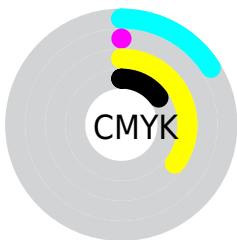
Distribution



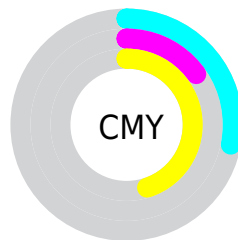
- Red (72%)
- Green (85%)
- Blue (55%)



- Red (55%)
- Yellow (85%)
- Blue (68%)



- Cyan (16%)
- Magenta (0%)
- Yellow (35%)
- Black (15%)



- Cyan (28%)
- Magenta (15%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.5864, 0.3390, 0.4254 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 61.5864, 0.3390, 0.4254 by changing the saturation by 10% instead.


 61.5864, 0.3390,
0.4254

 61.5864, 0.3390,
0.4254

430.4208, 0.3279,
0.3778


 44.6986, 0.3411,
0.4370


 107.1275, 0.3354,
0.4083

 31.2201, 0.3435,
0.4516


 136.5497, 0.3339,
0.4018

 20.7665, 0.3460,
0.4705


 170.9187, 0.3326,
0.3963

 12.9534, 0.3483,
0.4959

210.6189, 0.3315,
0.3916

 7.3965, 0.3493,
0.5313

256.0349, 0.3304,
0.3874

 3.7113, 0.3523,
0.5941

307.5509, 0.3295,

 1.5134, 0.3293,

0.3838

0.6707

365.5514, 0.3286,
0.3806

0.2981, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

61.5864, 0.3390,
0.4254

61.5864, 0.3390,
0.4254

59.8761, 0.3450,
0.4546

63.5082, 0.3321,
0.3964

58.3602, 0.3495,
0.4829

65.6418, 0.3246,
0.3686


57.0315, 0.3522,
0.5089


67.9978, 0.3169,
0.3425

55.8791, 0.3526,
0.5312


70.5835, 0.3093,
0.3184


 54.8904, 0.3506,
0.5486


 73.4059, 0.3019,
0.2965

 54.0503, 0.3465,
0.5606

 75.4541, 0.3044,
0.2909

 53.7088, 0.3443,
0.5649

 77.1789, 0.3110,
0.2916

 78.1060, 0.3145,
0.2920

Harmonies

Analogous

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



61.5864, 0.3867, 0.4181



61.5864, 0.3390, 0.4254



61.5864, 0.2865, 0.3997

Triad

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



61.5864, 0.3390, 0.4254



61.5864, 0.2183, 0.2607



61.5864, 0.3845, 0.3052

Complementary

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



61.5864, 0.3390, 0.4254



32.7599, 0.2771, 0.2307

Split Complementary

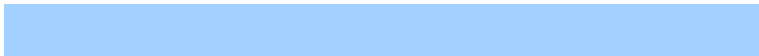
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



61.5864, 0.3331, 0.2708



61.5864, 0.3390, 0.4254



61.5864, 0.2392, 0.2449

Square

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



61.5864, 0.3390, 0.4254



61.5864, 0.2196, 0.2974



61.5864, 0.2798, 0.2492



61.5864, 0.4157, 0.3465

Rectangle

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



61.5864, 0.3390, 0.4254



61.5864, 0.2560, 0.3677



61.5864, 0.2798, 0.2492



61.5864, 0.3687, 0.2927

Sweetspot

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



61.5891, 0.3390, 0.4254



96.0509, 0.3212, 0.3569



46.6719, 0.3829, 0.3695



20.4607, 0.3223, 0.3605



0.0000, 0.0000, 0.0000



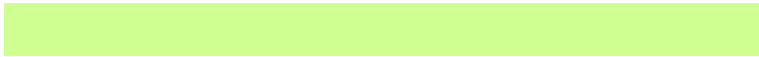
21.4041, 0.3127, 0.3290

Same Dimension

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



61.5891, 0.3390, 0.4254



86.7853, 0.3438, 0.4485



57.5507, 0.3112, 0.4342



14.9632, 0.3200, 0.3526



32.5759, 0.3452, 0.5641



2.1612, 0.3569, 0.5548

Inverse Universe

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



32.7599, 0.2771, 0.2307



39.0121, 0.2669, 0.2065



37.7415, 0.3120, 0.2402



12.8969, 0.3049, 0.3053



4.5903, 0.1919, 0.0831



0.3479, 0.2103, 0.0932

Previews

White Background



This preview shows how the Yxy color 61.5864, 0.3390, 0.4254 looks on a white background.

Color Contrast Check

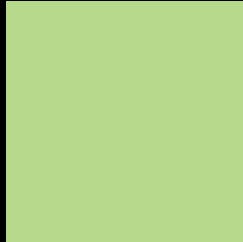
Large Text (above 18pt) WCAG AA × Fail

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 61.5864, 0.3390, 0.4254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

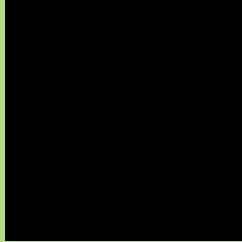
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.5864, 0.3390, 0.4254

Background



This preview shows how black text looks on a background with the Yxy color 61.5864, 0.3390, 0.4254.



This preview shows how white text looks on a background with the Yxy color 61.5864, 0.3390, 0.4254.

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
Protanopia
Deuteranopia

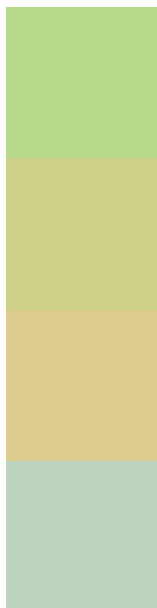
61.5864, 0.3390, 0.4254
61.0999, 0.3789, 0.4088
61.1792, 0.3934, 0.3862



Tritanopia

61.5555, 0.2931, 0.3104

Trichromacy



Original Color

61.5864, 0.3390, 0.4254

Protanomaly

60.8170, 0.3634, 0.4145

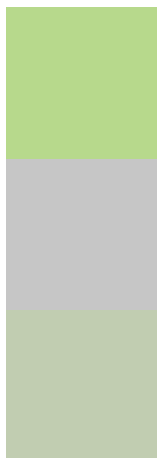
Deuteranomaly

60.6985, 0.3726, 0.3991

Tritanomaly

61.5152, 0.3102, 0.3508

Monochromacy



Original Color

61.5864, 0.3390, 0.4254

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

58.1744, 0.3234, 0.3635

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.5864, 0.3390, 0.4254 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(183, 217, 140)` looks like.

```
.text, #text, p{  
    color:rgb(183, 217, 140)  
}
```

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(183, 217, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 217, 140) }
```

Border

The CSS property to change the border of an element to Yxy 61.5864, 0.3390, 0.4254 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(183, 217, 140) }
```

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

```
.border{ border-color:rgb(183, 217, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 217, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 217, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 217, 140);  
box-shadow:4px 4px 4px 4px rgb(183, 217,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 61.5864, 0.3390, 0.4254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 217, 140) }
```

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

```
.background{ background-color: rgb(183,  
217, 140) }
```

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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