

Converting Colors

$Yxy(48.0026, 0.3381, 0.4209)$

Have a look what the booklet for
Yxy(48.0026, 0.3381, 0.4209)
contains.

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Color

Yxy(48.1414, 0.3380, 0.4204)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | A5C280 |
| RGB | 165, 194, 128 |
| RGB Percent | 65%, 76%, 50% |
| CMY | 0.3529, 0.2392, 0.4981 |
| CMYK | 0.15, 0.00, 0.34, 0.24 |
| HSL | 86°, 35%, 63% |
| HSV | 86°, 34%, 76% |
| XYZ | 38.7055, 48.1414, 27.6664 |
| YIQ | 177.8050, 3.9020, -26.6740 |

Conversions

Conversions Part 2

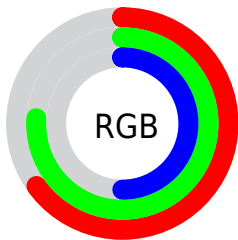
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 128, 194, 157 |
| Decimal | 10863232 |
| CIELab | 74.91, -21.26, 30.07 |
| CIELCh | 75, 36.830, 125.262 |
| Yxy | 48.1414, 0.3380, 0.4204 |
| Android (android.graphics.Color) | 4289053312 (0xFFA5C280) |
| YUV | 177.8050, -24.5539, -11.2300 |
| Hunter-Lab | 69.3840, -21.8467, 24.9273 |

Details

The Yxy color **48.1414, 0.3380, 0.4204** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **26.4934, 0.2791, 0.2358**, and the grayscale version is **44.5440, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.7027, 0.3346, 0.4038**, and **22.7510, 0.3428, 0.4473** is the 20% darker color. If you saturate the color by 10%, you get **46.7972, 0.3442, 0.4494**, and if you desaturate by 10%, it is **49.6483, 0.3310, 0.3918**.

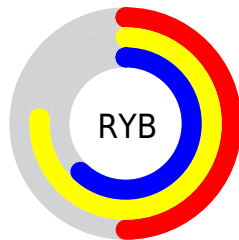
Distribution



Red (65%)

Green (76%)

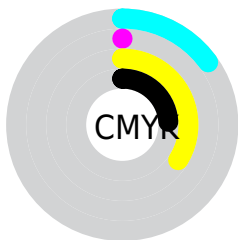
Blue (50%)



Red (50%)

Yellow (76%)

Blue (62%)

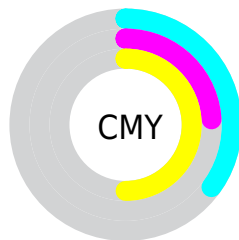


Cyan (15%)

Magenta (0%)

Yellow (34%)

Black (24%)



Cyan (35%)


Magenta (24%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.1414, 0.3380, 0.4204 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 48.1414, 0.3380, 0.4204 by changing the saturation by 10% instead.

 48.1414, 0.3380,
0.4204

 48.1414, 0.3380,
0.4204


379.3523, 0.3267,
0.3734

 33.9389, 0.3403,
0.4324


 87.4149, 0.3342,
0.4031

 22.8466, 0.3429,
0.4479


 113.2547, 0.3327,
0.3966

 14.4803, 0.3458,
0.4687


 143.7423, 0.3314,
0.3912

 8.4555, 0.3484,
0.4976

179.2622, 0.3302,
0.3866

 4.3878, 0.3491,
0.5400

220.1988, 0.3292,
0.3826

 1.8927, 0.3607,
0.6393

266.9364, 0.3282,

 0.5440, 0.0000,

0.3792

1.0000

319.8594, 0.3274,
0.3761

0.0000, 0.0000,
0.0000

48.1414, 0.3380,
0.4204

48.1414, 0.3380,
0.4204

46.7972, 0.3442,
0.4494

49.6483, 0.3310,
0.3918

45.6027, 0.3490,
0.4778

51.3180, 0.3235,
0.3644

44.5525, 0.3520,
0.5041


53.1583, 0.3158,
0.3388


43.6387, 0.3529,
0.5270


55.1750, 0.3082,
0.3152


42.8518, 0.3515,
0.5453

57.3732, 0.3009,
0.2937


 42.1810, 0.3479,
0.5583

 59.7579, 0.2940,
0.2743

 41.8244, 0.3450,
0.5642

 61.7555, 0.2931,
0.2651

 63.1562, 0.2993,
0.2662

 64.6262, 0.3056,
0.2674

Harmonies

Analogous

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



48.1414, 0.3834, 0.4140



48.1414, 0.3380, 0.4204



48.1414, 0.2880, 0.3960

Triad

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



48.1414, 0.3380, 0.4204



48.1414, 0.2225, 0.2640



48.1414, 0.3810, 0.3065

Complementary

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



48.1414, 0.3380, 0.4204



26.4934, 0.2791, 0.2358

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.



48.1414, 0.3322, 0.2734



48.1414, 0.3380, 0.4204



48.1414, 0.2425, 0.2487

Square

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



48.1414, 0.3380, 0.4204



48.1414, 0.2238, 0.2992



48.1414, 0.2814, 0.2527



48.1414, 0.4106, 0.3461

Rectangle

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



48.1414, 0.3380, 0.4204



48.1414, 0.2588, 0.3657



48.1414, 0.2814, 0.2527



48.1414, 0.3660, 0.2944

Sweetspot

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



48.1435, 0.3380, 0.4204



94.2261, 0.3205, 0.3543



37.0031, 0.3787, 0.3675



20.5317, 0.3216, 0.3580



0.0000, 0.0000, 0.0000



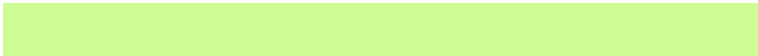
21.4041, 0.3127, 0.3290

Same Dimension

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



48.1435, 0.3380, 0.4204



85.3372, 0.3428, 0.4425



45.0793, 0.3113, 0.4284



11.5311, 0.3199, 0.3522



27.5465, 0.3459, 0.5635



1.2304, 0.3620, 0.5508

Inverse Universe

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



26.4934, 0.2791, 0.2358



40.0564, 0.2694, 0.2127



30.2240, 0.3121, 0.2444



9.9595, 0.3050, 0.3057



3.8833, 0.1921, 0.0832



0.2085, 0.2179, 0.0974

Previews

White Background



This preview shows how the Yxy color 48.1414, 0.3380, 0.4204 looks on a white background.

Color Contrast Check

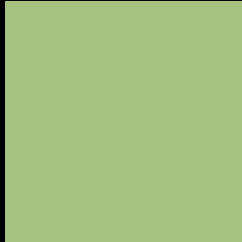
Large Text (above 18pt) WCAG AA × Fail

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 48.1414, 0.3380, 0.4204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

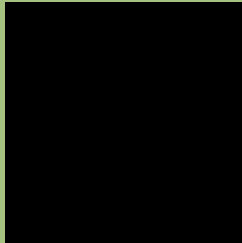
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.1414, 0.3380, 0.4204

Background



This preview shows how black text looks on a background with the Yxy color 48.1414, 0.3380, 0.4204.



This preview shows how white text looks on a background with the Yxy color 48.1414, 0.3380, 0.4204.

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

48.1414, 0.3380, 0.4204

Protanopia

47.8783, 0.3751, 0.4051

Deuteranopia

47.6220, 0.3898, 0.3819



Tritanopia

47.9820, 0.2934, 0.3097

Trichromacy



Original Color

48.1414, 0.3380, 0.4204

Protanomaly

48.0119, 0.3616, 0.4116

Deuteranomaly

47.6478, 0.3698, 0.3952

Tritanomaly

47.6804, 0.3094, 0.3478

Monochromacy



Original Color

48.1414, 0.3380, 0.4204

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

45.7033, 0.3223, 0.3617

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.1414, 0.3380, 0.4204 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(165, 194, 128)` looks like.

```
.text, #text, p{  
    color:rgb(165, 194, 128)  
}
```

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(165, 194, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 194, 128) }
```

Border

The CSS property to change the border of an element to Yxy 48.1414, 0.3380, 0.4204 is called "border". The border property can be set on classes, ids or directly on the HTML element.

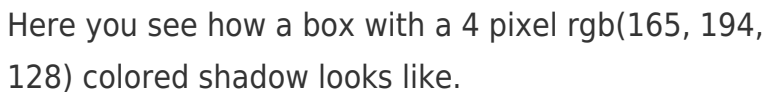
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(165, 194, 128) }
```

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

```
.border{ border-color:rgb(165, 194, 128) }
```

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



Here you see how a box with a 4 pixel `rgb(165, 194, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(165, 194, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(165, 194, 128); box-shadow:4px 4px 4px 4px rgb(165, 194, 128) }
```


Background

The CSS property to change the background color of an element to Yxy 48.1414, 0.3380, 0.4204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 194, 128) }
```

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

```
.background{ background-color: rgb(165,  
194, 128) }
```

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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