

Converting Colors

$Yxy(61.4279, 0.3526, 0.4187)$

Have a look what the booklet for
Yxy(61.4279, 0.3526, 0.4187)
contains.

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Color

Yxy(61.4583, 0.3526, 0.4188)

Conversions

Conversions Part 1

Format	Color
Hex	C6D58B
RGB	198, 213, 139
RGB Percent	78%, 84%, 55%
CMY	0.2235, 0.1647, 0.4550
CMYK	0.07, 0.00, 0.35, 0.16
HSL	72°, 47%, 69%
HSV	72°, 35%, 84%
XYZ	51.7435, 61.4583, 33.5467
YIQ	200.0790, 14.8140, -26.1940

Conversions

Conversions Part 2

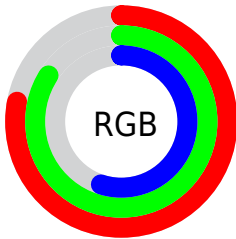
Format	Color
RYB	139, 213, 154
Decimal	13030795
CIELab	82.62, -16.84, 34.96
CIELCh	83, 38.806, 115.719
Yxy	61.4583, 0.3526, 0.4188
Android (android.graphics.Color)	4291220875 (0xFFC6D58B)
YUV	200.0790, -30.1119, -1.8233
Hunter-Lab	78.3953, -19.3759, 29.5055

Details

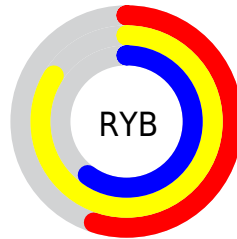
The Yxy color **61.4583, 0.3526, 0.4188** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **30.1244, 0.2625, 0.2289**, and the grayscale version is **57.9930, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.6303, 0.3496, 0.3900**, and **30.9979, 0.3607, 0.4416** is the 20% darker color. If you saturate the color by 10%, you get **60.3203, 0.3629, 0.4448**, and if you desaturate by 10%, it is **62.7398, 0.3414, 0.3922**.

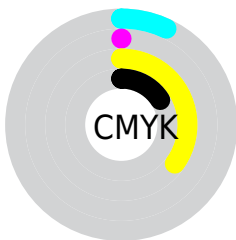
Distribution



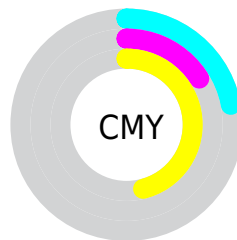
- Red (78%)
- Green (84%)
- Blue (55%)



- Red (55%)
- Yellow (84%)
- Blue (60%)



- Cyan (7%)
- Magenta (0%)
- Yellow (35%)
- Black (16%)





- Cyan (22%)
- Magenta (16%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.4583, 0.3526, 0.4188 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 61.4583, 0.3526, 0.4188 by changing the saturation by 10% instead.


 61.4583, 0.3526,
0.4188


 61.4583, 0.3526,
0.4188


429.9524, 0.3347,
0.3750


 44.5951, 0.3564,
0.4293


 106.9422, 0.3466,
0.4032

 31.1387, 0.3608,
0.4423


 136.3318, 0.3442,
0.3973

 20.7045, 0.3660,
0.4591


 170.6656, 0.3421,
0.3922

 12.9081, 0.3720,
0.4813

210.3281, 0.3403,
0.3878

 7.3653, 0.3781,
0.5115

255.7036, 0.3387,
0.3840

 3.6916, 0.3907,
0.5660

307.1766, 0.3372,

 1.5026, 0.3796,

0.3806

0.6204

365.1314, 0.3359,
0.3776

0.2905, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

61.4583, 0.3526,
0.4188

61.4583, 0.3526,
0.4188

60.3203, 0.3629,
0.4448

62.7398, 0.3414,
0.3922

59.3103, 0.3718,
0.4691

64.1632, 0.3298,
0.3659

58.4231, 0.3787,
0.4906

65.7374, 0.3182,
0.3406

57.6498, 0.3832,
0.5084

67.4681, 0.3068,
0.3167

■ 56.9801, 0.3851,
0.5217

■ 69.3609, 0.2960,
0.2944

■ 56.4014, 0.3846,
0.5303

■ 70.6398, 0.2930,
0.2853

■ 56.1231, 0.3836,
0.5336

■ 71.3372, 0.2959,
0.2857

■ 72.0521, 0.2989,
0.2860

■ 72.7848, 0.3019,
0.2864

Harmonies

Analogous

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



61.4583, 0.3924, 0.4046



61.4583, 0.3526, 0.4188



61.4583, 0.3039, 0.4046

Triad

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



61.4583, 0.3526, 0.4188



61.4583, 0.2229, 0.2748



61.4583, 0.3652, 0.2959

Complementary

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



61.4583, 0.3526, 0.4188



30.1244, 0.2625, 0.2289

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.



61.4583, 0.3155, 0.2669



61.4583, 0.3526, 0.4188



61.4583, 0.2360, 0.2535

Square

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



61.4583, 0.3526, 0.4188



61.4583, 0.2310, 0.3145



61.4583, 0.2686, 0.2515



61.4583, 0.4014, 0.3332

Rectangle

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



61.4583, 0.3526, 0.4188



61.4583, 0.2732, 0.3795



61.4583, 0.2686, 0.2515



61.4583, 0.3493, 0.2850

Sweetspot

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



61.4610, 0.3526, 0.4188



97.4991, 0.3243, 0.3540



39.0456, 0.3884, 0.3477



20.7977, 0.3260, 0.3576



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.



61.4610, 0.3526, 0.4188



91.0320, 0.3606, 0.4388



57.0487, 0.3238, 0.4277



14.3871, 0.3236, 0.3523



34.3253, 0.3841, 0.5332



2.1032, 0.3905, 0.5281

Inverse Universe

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



30.1244, 0.2625, 0.2289



36.8681, 0.2488, 0.2033



34.3083, 0.2957, 0.2377



12.1286, 0.3013, 0.3051



3.2847, 0.1604, 0.0657



0.2336, 0.1770, 0.0749

Previews

White Background



This preview shows how the Yxy color 61.4583, 0.3526, 0.4188 looks on a white background.

Color Contrast Check

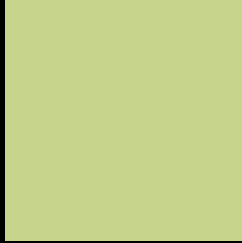
Large Text (above 18pt) WCAG AA × Fail

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 61.4583, 0.3526, 0.4188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

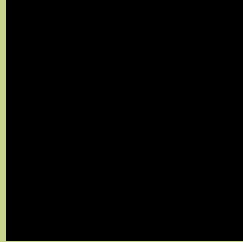
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.4583, 0.3526, 0.4188

Background



This preview shows how black text looks on a background with the Yxy color 61.4583, 0.3526, 0.4188.



This preview shows how white text looks on a background with the Yxy color 61.4583, 0.3526, 0.4188.

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

61.4583, 0.3526, 0.4188

Protanopia

61.1282, 0.3782, 0.4077

Deuteranopia

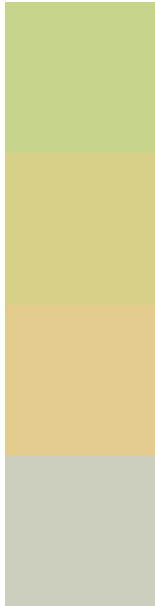
61.3282, 0.3950, 0.3871



Tritanopia

61.2362, 0.3053, 0.3108

Trichromacy



Original Color

61.4583, 0.3526, 0.4188

Protanomaly

61.2140, 0.3688, 0.4119

Deuteranomaly

61.1588, 0.3788, 0.3979

Tritanomaly

61.1807, 0.3225, 0.3491

Monochromacy



Original Color

61.4583, 0.3526, 0.4188

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

59.0191, 0.3275, 0.3618

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.4583, 0.3526, 0.4188 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(198, 213, 139)` looks like.

```
.text, #text, p{  
    color:rgb(198, 213, 139)  
}
```

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(198, 213, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 213, 139) }
```

Border

The CSS property to change the border of an element to Yxy 61.4583, 0.3526, 0.4188 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(198, 213, 139) }
```

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

```
.border{ border-color:rgb(198, 213, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 213, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 213, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 213, 139);  
box-shadow:4px 4px 4px 4px rgb(198, 213,  
139) }
```


Background

The CSS property to change the background color of an element to Yxy 61.4583, 0.3526, 0.4188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 213, 139) }
```

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

```
.background{ background-color: rgb(198,  
213, 139) }
```

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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