

Converting Colors

Yxy(61.3491, 0.3401, 0.4226)

Have a look what the booklet for
Yxy(61.3491, 0.3401, 0.4226)
contains.

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Color

Yxy(61.3491, 0.3401, 0.4226)

Conversions

Conversions Part 1

Format	Color
Hex	B9D88D
RGB	185, 216, 141
RGB Percent	73%, 85%, 55%
CMY	0.2745, 0.1529, 0.4469
CMYK	0.14, 0.00, 0.35, 0.15
HSL	85°, 49%, 70%
HSV	85°, 35%, 85%
XYZ	49.3725, 61.3491, 34.4490
YIQ	198.1810, 5.5990, -29.8970

Conversions

Conversions Part 2

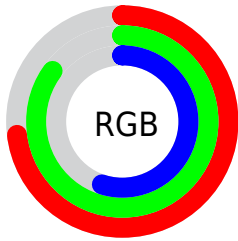
Format	Color
RYB	141, 216, 172
Decimal	12179597
CIELab	82.57, -22.92, 33.66
CIELCh	83, 40.724, 124.254
Yxy	61.3491, 0.3401, 0.4226
Android (android.graphics.Color)	4290369677 (0xFFB9D88D)
YUV	198.1810, -28.1902, -11.5597
Hunter-Lab	78.3257, -24.5526, 28.7512

Details

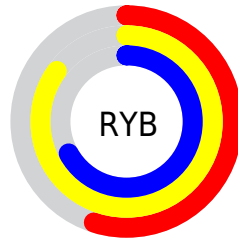
The Yxy color **61.3491, 0.3401, 0.4226** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **32.7907, 0.2762, 0.2326**, and the grayscale version is **56.7625, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.3374, 0.3397, 0.3897**, and **31.0532, 0.3451, 0.4474** is the 20% darker color. If you saturate the color by 10%, you get **59.6938, 0.3466, 0.4515**, and if you desaturate by 10%, it is **63.2050, 0.3326, 0.3940**.

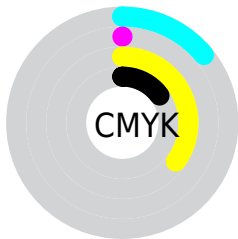
Distribution



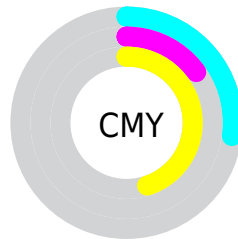
- Red (73%)
- Green (85%)
- Blue (55%)



- Red (55%)
- Yellow (85%)
- Blue (67%)



- Cyan (14%)
- Magenta (0%)
- Yellow (35%)
- Black (15%)




- Cyan (27%)
- Magenta (15%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.3491, 0.3401, 0.4226 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 61.3491, 0.3401, 0.4226 by changing the saturation by 10% instead.

 61.3491, 0.3401,
0.4226


 61.3491, 0.3401,
0.4226


429.5528, 0.3283,
0.3764

 44.5070, 0.3424,
0.4338


 106.7842, 0.3363,
0.4060

 31.0693, 0.3450,
0.4480


 136.1460, 0.3347,
0.3997

 20.6516, 0.3479,
0.4663

 170.4498, 0.3333,
0.3944

 12.8696, 0.3507,
0.4909

210.0801, 0.3321,
0.3898

 7.3388, 0.3525,
0.5252

255.4211, 0.3310,
0.3858

 3.6749, 0.3564,
0.5852

306.8573, 0.3300,

 1.4934, 0.3381,

0.3823

0.6619

364.7731, 0.3291,
0.3792

0.2841, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

61.3491, 0.3401,
0.4226

61.3491, 0.3401,
0.4226

59.6938, 0.3466,
0.4515

63.2050, 0.3326,
0.3940

58.2224, 0.3518,
0.4794


65.2614, 0.3247,
0.3664

56.9282, 0.3550,
0.5051

67.5285, 0.3165,
0.3405

55.8009, 0.3560,
0.5272


70.0132, 0.3085,
0.3166

 54.8284, 0.3546,
0.5446

 72.7222, 0.3007,
0.2948

 53.9965, 0.3510,
0.5567

 74.6138, 0.3031,
0.2897

 53.6011, 0.3485,
0.5615

 76.2037, 0.3093,
0.2904

 77.5937, 0.3145,
0.2910

Harmonies

Analogous

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



61.3491, 0.3860, 0.4149



61.3491, 0.3401, 0.4226



61.3491, 0.2891, 0.3987

Triad

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



61.3491, 0.3401, 0.4226



61.3491, 0.2205, 0.2636



61.3491, 0.3809, 0.3047

Complementary

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



61.3491, 0.3401, 0.4226



32.7907, 0.2762, 0.2326

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.



61.3491, 0.3308, 0.2714



61.3491, 0.3401, 0.4226



61.3491, 0.2402, 0.2474

Square

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



61.3491, 0.3401, 0.4226



61.3491, 0.2226, 0.3000



61.3491, 0.2792, 0.2509



61.3491, 0.4120, 0.3449

Rectangle

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



61.3491, 0.3401, 0.4226



61.3491, 0.2591, 0.3682



61.3491, 0.2792, 0.2509



61.3491, 0.3654, 0.2925

Sweetspot

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



61.3518, 0.3401, 0.4226



96.5197, 0.3209, 0.3542



45.6564, 0.3820, 0.3657



20.5600, 0.3221, 0.3579



0.0000, 0.0000, 0.0000



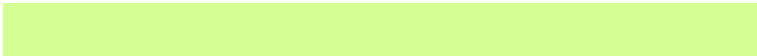
21.4041, 0.3127, 0.3290

Same Dimension

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



61.3518, 0.3401, 0.4226



87.4611, 0.3452, 0.4448



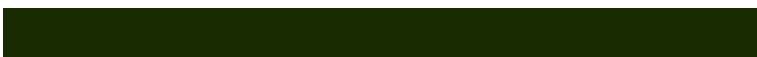
57.3827, 0.3130, 0.4310



14.2521, 0.3204, 0.3525



31.7898, 0.3495, 0.5607



1.9654, 0.3613, 0.5513

Inverse Universe

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



32.7907, 0.2762, 0.2326



39.5996, 0.2659, 0.2089



37.4997, 0.3097, 0.2415



12.2570, 0.3045, 0.3054



4.2610, 0.1872, 0.0805



0.3049, 0.2069, 0.0914

Previews

White Background



This preview shows how the Yxy color 61.3491, 0.3401, 0.4226 looks on a white background.

Color Contrast Check

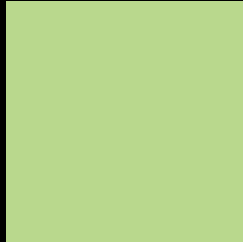
Large Text (above 18pt) WCAG AA × Fail

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 61.3491, 0.3401, 0.4226 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 61.3491, 0.3401, 0.4226

Background



This preview shows how black text looks on a background with the Yxy color 61.3491, 0.3401, 0.4226.



This preview shows how white text looks on a background with the Yxy color 61.3491, 0.3401, 0.4226.

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

61.3491, 0.3401, 0.4226

Protanopia

60.9984, 0.3766, 0.4068

Deuteranopia

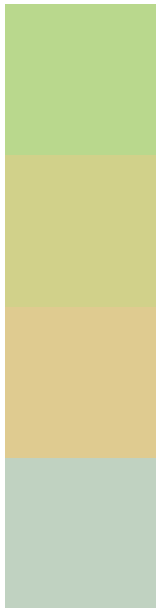
60.7573, 0.3930, 0.3842



Tritanopia

61.1523, 0.2945, 0.3104

Trichromacy



Original Color

61.3491, 0.3401, 0.4226

Protanomaly

60.9912, 0.3636, 0.4130

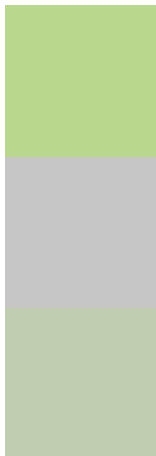
Deuteranomaly

60.4135, 0.3731, 0.3967

Tritanomaly

61.1499, 0.3110, 0.3495

Monochromacy



Original Color

61.3491, 0.3401, 0.4226

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 61.3491, 0.3401, 0.4226 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(185, 216, 141)` looks like.

```
.text, #text, p{  
    color:rgb(185, 216, 141)  
}
```

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(185, 216, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 216, 141) }
```

Border

The CSS property to change the border of an element to Yxy 61.3491, 0.3401, 0.4226 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(185, 216, 141) }
```

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

```
.border{ border-color:rgb(185, 216, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 216, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 216, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 216, 141);  
box-shadow:4px 4px 4px 4px rgb(185, 216,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 61.3491, 0.3401, 0.4226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 216, 141) }
```

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

```
.background{ background-color: rgb(185,  
216, 141) }
```

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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