

Converting Colors

$Yxy(60.7986, 0.3392, 0.4379)$

Have a look what the booklet for
Yxy(60.7986, 0.3392, 0.4379)
contains.

Yxy(60.6388, 0.3394, 0.4369)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(60.6388, 0.3394, 0.4369)

Conversions

Conversions Part 1

Format	Color
Hex	B1D984
RGB	177, 217, 132
RGB Percent	69%, 85%, 52%
CMY	0.3059, 0.1490, 0.4824
CMYK	0.18, 0.00, 0.39, 0.15
HSL	88°, 53%, 68%
HSV	88°, 39%, 85%
XYZ	47.1065, 60.6388, 31.0481
YIQ	195.3500, 3.4450, -34.9150

Conversions

Conversions Part 2

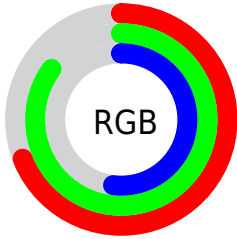
Format	Color
RYB	132, 217, 172
Decimal	11655556
CIELab	82.18, -27.52, 37.64
CIELCh	82, 46.631, 126.171
Yxy	60.6388, 0.3394, 0.4369
Android (android.graphics.Color)	4289845636 (0xFFB1D984)
YUV	195.3500, -31.2315, -16.0929
Hunter-Lab	77.8709, -28.2941, 30.8700

Details

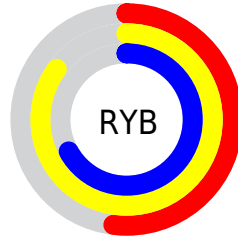
The Yxy color **60.6388, 0.3394, 0.4369** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **30.2831, 0.2747, 0.2201**, and the grayscale version is **54.9809, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.5576, 0.3396, 0.4002**, and **30.6457, 0.3434, 0.4662** is the 20% darker color. If you saturate the color by 10%, you get **58.9529, 0.3444, 0.4664**, and if you desaturate by 10%, it is **62.5434, 0.3333, 0.4074**.

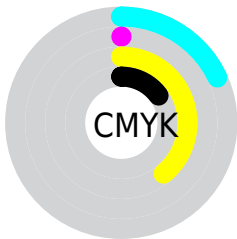
Distribution



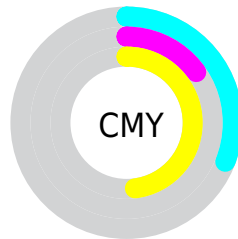
- Red (69%)
- Green (85%)
- Blue (52%)



- Red (52%)
- Yellow (85%)
- Blue (67%)



- Cyan (18%)
- Magenta (0%)
- Yellow (39%)
- Black (15%)




- Cyan (31%)
- Magenta (15%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.6388, 0.3394, 0.4369 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 60.6388, 0.3394, 0.4369 by changing the saturation by 10% instead.


 60.6388, 0.3394,
0.4369


 60.6388, 0.3394,
0.4369


426.9484, 0.3285,
0.3833

 43.9337, 0.3413,
0.4500


 105.7558, 0.3360,
0.4176

 30.6184, 0.3434,
0.4665


 134.9365, 0.3346,
0.4103

 20.3085, 0.3453,
0.4879

 169.0445, 0.3333,
0.4041

 12.6195, 0.3464,
0.5165

208.4642, 0.3321,
0.3988

 7.1670, 0.3450,
0.5560

253.5801, 0.3310,
0.3941

 3.5668, 0.3517,
0.6407

304.7765, 0.3301,

 1.4343, 0.2985,

0.3901

0.7015

362.4378, 0.3292,
0.3865

■ 0.2418, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 60.6388, 0.3394,
0.4369

■ 60.6388, 0.3394,
0.4369

■ 58.9529, 0.3444,
0.4664

■ 62.5434, 0.3333,
0.4074

■ 57.4680, 0.3478,
0.4945


■ 64.6677, 0.3265,
0.3788

■ 56.1762, 0.3492,
0.5198


■ 67.0227, 0.3193,
0.3519

■ 55.0657, 0.3484,
0.5410


■ 69.6162, 0.3121,
0.3270


 54.1226, 0.3453,
0.5568


 72.4557, 0.3051,
0.3043

 53.3260, 0.3404,
0.5675

 75.0760, 0.3029,
0.2907

 53.2649, 0.3400,
0.5683

 76.8976, 0.3099,
0.2915

 78.1101, 0.3145,
0.2920

Harmonies

Analogous

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



60.6388, 0.3929, 0.4285



60.6388, 0.3394, 0.4369



60.6388, 0.2815, 0.4073

Triad

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



60.6388, 0.3394, 0.4369



60.6388, 0.2091, 0.2522



60.6388, 0.3942, 0.3037

Complementary

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



60.6388, 0.3394, 0.4369



30.2831, 0.2747, 0.2201

Split Complementary

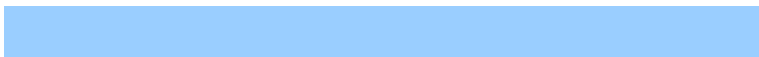
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



60.6388, 0.3370, 0.2658



60.6388, 0.3394, 0.4369



60.6388, 0.2325, 0.2361

Square

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



60.6388, 0.3394, 0.4369



60.6388, 0.2096, 0.2916



60.6388, 0.2776, 0.2417



60.6388, 0.4281, 0.3488

Rectangle

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



60.6388, 0.3394, 0.4369



60.6388, 0.2482, 0.3704



60.6388, 0.2776, 0.2417



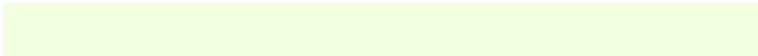
60.6388, 0.3768, 0.2899

Sweetspot

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



60.6415, 0.3394, 0.4369



95.5531, 0.3214, 0.3596



45.7972, 0.3909, 0.3771



20.3552, 0.3224, 0.3631



0.0000, 0.0000, 0.0000



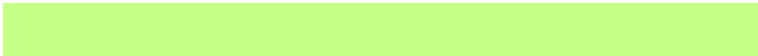
21.4041, 0.3127, 0.3290

Same Dimension

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



60.6415, 0.3394, 0.4369



85.3583, 0.3436, 0.4613



56.4324, 0.3090, 0.4477



14.9437, 0.3195, 0.3526



32.3043, 0.3410, 0.5675



2.1440, 0.3530, 0.5579

Inverse Universe

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



30.2831, 0.2747, 0.2201



35.7402, 0.2642, 0.1952



35.8332, 0.3145, 0.2321



12.9162, 0.3054, 0.3054



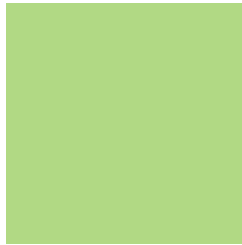
4.8099, 0.1972, 0.0860



0.3626, 0.2153, 0.0960

Previews

White Background



This preview shows how the Yxy color 60.6388, 0.3394, 0.4369 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 60.6388, 0.3394, 0.4369 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

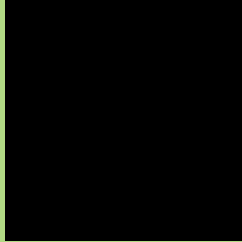
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.6388, 0.3394, 0.4369

Background



This preview shows how black text looks on a background with the Yxy color 60.6388, 0.3394, 0.4369.



This preview shows how white text looks on a background with the Yxy color 60.6388, 0.3394, 0.4369.

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

60.6388, 0.3394, 0.4369

Protanopia

60.2476, 0.3842, 0.4167

Deuteranopia

60.0695, 0.3998, 0.3915



Tritanopia

60.4175, 0.2896, 0.3090

Trichromacy



Original Color

60.6388, 0.3394, 0.4369

Protanomaly

60.3077, 0.3673, 0.4242

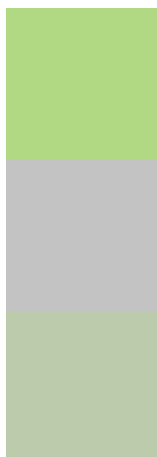
Deuteranomaly

59.6768, 0.3772, 0.4075

Tritanomaly

60.1252, 0.3079, 0.3536

Monochromacy



Original Color

60.6388, 0.3394, 0.4369

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

56.3818, 0.3233, 0.3680

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.6388, 0.3394, 0.4369 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(177, 217, 132)` looks like.

```
.text, #text, p{  
    color:rgb(177, 217, 132)  
}
```

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(177, 217, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 217, 132) }
```

Border

The CSS property to change the border of an element to Yxy 60.6388, 0.3394, 0.4369 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(177, 217, 132) }
```

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

```
.border{ border-color:rgb(177, 217, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 217, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 217, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 217, 132);  
box-shadow:4px 4px 4px 4px rgb(177, 217,  
132) }
```


Background

The CSS property to change the background color of an element to Yxy 60.6388, 0.3394, 0.4369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 217, 132) }
```

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

```
.background{ background-color: rgb(177,  
217, 132) }
```

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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