

Converting Colors

$Yxy(60.4700, 0.3382, 0.4171)$

Have a look what the booklet for
Yxy(60.4700, 0.3382, 0.4171)
contains.

Yxy(60.4210, 0.3386, 0.4168)	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(60.4210, 0.3386, 0.4168)

Conversions

Conversions Part 1

Format	Color
Hex	B9D690
RGB	185, 214, 144
RGB Percent	73%, 84%, 56%
CMY	0.2746, 0.1607, 0.4353
CMYK	0.14, 0.00, 0.33, 0.16
HSL	85°, 46%, 70%
HSV	85°, 33%, 84%
XYZ	49.0848, 60.4210, 35.4582
YIQ	197.3490, 5.1860, -27.9180

Conversions

Conversions Part 2

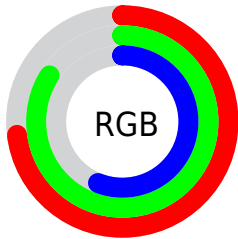
Format	Color
RYB	144, 214, 173
Decimal	12179088
CIELab	82.07, -21.55, 31.48
CIElCh	82, 38.151, 124.394
Yxy	60.4210, 0.3386, 0.4168
Android (android.graphics.Color)	4290369168 (0xFFB9D690)
YUV	197.3490, -26.3011, -10.8301
Hunter-Lab	77.7309, -23.3116, 27.3656

Details

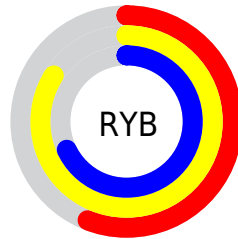
The Yxy color **60.4210, 0.3386, 0.4168** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **33.6872, 0.2789, 0.2388**, and the grayscale version is **56.2159, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.4745, 0.3379, 0.3866**, and **30.4119, 0.3434, 0.4400** is the 20% darker color. If you saturate the color by 10%, you get **58.7610, 0.3453, 0.4457**, and if you desaturate by 10%, it is **62.2792, 0.3310, 0.3883**.

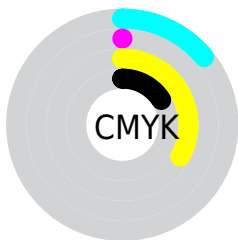
Distribution



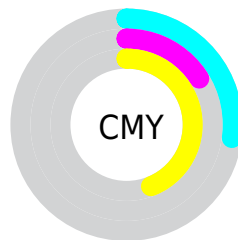
- Red (73%)
- Green (84%)
- Blue (56%)



- Red (56%)
- Yellow (84%)
- Blue (68%)



- Cyan (14%)
- Magenta (0%)
- Yellow (33%)
- Black (16%)





- Cyan (27%)
- Magenta (16%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.4210, 0.3386, 0.4168 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 60.4210, 0.3386, 0.4168 by changing the saturation by 10% instead.


 60.4210, 0.3386,
0.4168


 60.4210, 0.3386,
0.4168


426.1478, 0.3273,
0.3734

 43.7581, 0.3409,
0.4274

 105.4401, 0.3349,
0.4012

 30.4804, 0.3435,
0.4407


 134.5651, 0.3334,
0.3953

 20.2035, 0.3464,
0.4582


168.6129, 0.3321,
0.3903

 12.5430, 0.3494,
0.4816

207.9679, 0.3309,
0.3859

 7.1146, 0.3518,
0.5146

253.0145, 0.3299,
0.3822

 3.5339, 0.3554,
0.5705

304.1371, 0.3289,

 1.4164, 0.3442,

0.3789

0.6558

361.7201, 0.3281,
0.3760

0.2288, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

60.4210, 0.3386,
0.4168

60.4210, 0.3386,
0.4168

58.7610, 0.3453,
0.4457

62.2792, 0.3310,
0.3883

57.2829, 0.3508,
0.4740

64.3354, 0.3230,
0.3611


55.9805, 0.3544,
0.5002


66.5994, 0.3149,
0.3356


54.8437, 0.3559,
0.5232

69.0780, 0.3069,
0.3121


 53.8612, 0.3550,
0.5416


 71.7776, 0.2993,
0.2907

 53.0196, 0.3517,
0.5548

 73.5325, 0.3028,
0.2876

 52.4796, 0.3483,
0.5616

 75.1081, 0.3090,
0.2884

 76.5779, 0.3146,
0.2891

Harmonies

Analogous

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



60.4210, 0.3819, 0.4102



60.4210, 0.3386, 0.4168



60.4210, 0.2904, 0.3941

Triad

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



60.4210, 0.3386, 0.4168



60.4210, 0.2255, 0.2673



60.4210, 0.3771, 0.3064

Complementary

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



60.4210, 0.3386, 0.4168



33.6872, 0.2789, 0.2388

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.



60.4210, 0.3301, 0.2746



60.4210, 0.3386, 0.4168



60.4210, 0.2443, 0.2518

Square

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



60.4210, 0.3386, 0.4168



60.4210, 0.2274, 0.3017



60.4210, 0.2814, 0.2551



60.4210, 0.4062, 0.3445

Rectangle

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



60.4210, 0.3386, 0.4168



60.4210, 0.2620, 0.3656



60.4210, 0.2814, 0.2551



60.4210, 0.3626, 0.2947

Sweetspot

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



60.4237, 0.3386, 0.4168



96.5150, 0.3209, 0.3542



45.8164, 0.3770, 0.3635



20.5588, 0.3220, 0.3579



0.0000, 0.0000, 0.0000



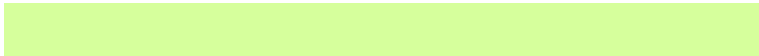
21.4041, 0.3127, 0.3290

Same Dimension

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



60.4237, 0.3386, 0.4168



88.1669, 0.3432, 0.4361



56.6904, 0.3131, 0.4242



14.2515, 0.3203, 0.3525



31.7797, 0.3493, 0.5609



1.9648, 0.3612, 0.5514

Inverse Universe

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



33.6872, 0.2789, 0.2388



42.6866, 0.2701, 0.2183



38.0672, 0.3100, 0.2466



12.2576, 0.3046, 0.3054



4.2677, 0.1874, 0.0806



0.3053, 0.2071, 0.0915

Previews

White Background



This preview shows how the Yxy color 60.4210, 0.3386, 0.4168 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 60.4210, 0.3386, 0.4168 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

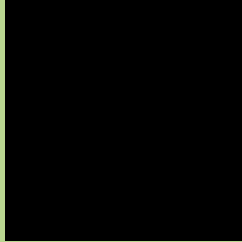
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.4210, 0.3386, 0.4168

Background



This preview shows how black text looks on a background with the Yxy color 60.4210, 0.3386, 0.4168.



This preview shows how white text looks on a background with the Yxy color 60.4210, 0.3386, 0.4168.

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

60.4210, 0.3386, 0.4168

Protanopia

60.2948, 0.3732, 0.4029

Deuteranopia

59.8691, 0.3885, 0.3805



Tritanopia

60.1420, 0.2951, 0.3091

Trichromacy



Original Color

60.4210, 0.3386, 0.4168

Protanomaly

60.3002, 0.3601, 0.4090

Deuteranomaly

59.7198, 0.3695, 0.3927

Tritanomaly

60.1685, 0.3111, 0.3472

Monochromacy



Original Color

60.4210, 0.3386, 0.4168

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

57.2637, 0.3229, 0.3599

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.4210, 0.3386, 0.4168 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, 214, 144)` looks like.

```
.text, #text, p{  
    color:rgb(185, 214, 144)  
}
```

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, 214, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 214, 144) }
```

Border

The CSS property to change the border of an element to Yxy 60.4210, 0.3386, 0.4168 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, 214, 144) }
```

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

```
.border{ border-color:rgb(185, 214, 144) }
```

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

Here you see how a box with a 4 pixel rgb(185, 214, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 214, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 214, 144);  
box-shadow:4px 4px 4px 4px rgb(185, 214,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 60.4210, 0.3386, 0.4168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 214, 144) }
```

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

```
.background{ background-color: rgb(185,  
214, 144) }
```

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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