

Converting Colors

$Yxy(59.9865, 0.3350, 0.4086)$

Have a look what the booklet for
Yxy(59.9865, 0.3350, 0.4086)
contains.

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Color

Yxy(60.1048, 0.3348, 0.4081)

Conversions

Conversions Part 1

Format	Color
Hex	B9D596
RGB	185, 213, 150
RGB Percent	73%, 84%, 59%
CMY	0.2745, 0.1647, 0.4117
CMYK	0.13, 0.00, 0.30, 0.16
HSL	87°, 43%, 71%
HSV	87°, 30%, 84%
XYZ	49.3092, 60.1048, 37.8656
YIQ	197.4460, 3.5350, -25.5290

Conversions

Conversions Part 2

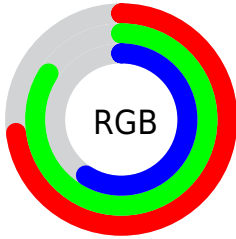
Format	Color
RYB	150, 213, 178
Decimal	12178838
CIELab	81.90, -20.20, 28.14
CIELCh	82, 34.640, 125.675
Yxy	60.1048, 0.3348, 0.4081
Android (android.graphics.Color)	4290368918 (0xFFB9D596)
YUV	197.4460, -23.3909, -10.9151
Hunter-Lab	77.5273, -22.1425, 25.3109

Details

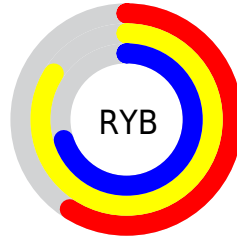
The Yxy color **60.1048, 0.3348, 0.4081** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **36.0916, 0.2845, 0.2487**, and the grayscale version is **56.2641, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.8050, 0.3338, 0.3794**, and **30.1799, 0.3387, 0.4287** is the 20% darker color. If you saturate the color by 10%, you get **58.3435, 0.3413, 0.4373**, and if you desaturate by 10%, it is **62.0745, 0.3276, 0.3797**.

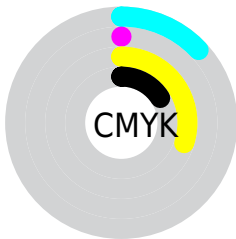
Distribution



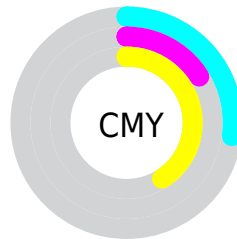
- Red (73%)
- Green (84%)
- Blue (59%)



- Red (59%)
- Yellow (84%)
- Blue (70%)



- Cyan (13%)
- Magenta (0%)
- Yellow (30%)
- Black (16%)




- Cyan (27%)
- Magenta (16%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.1048, 0.3348, 0.4081 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 60.1048, 0.3348, 0.4081 by changing the saturation by 10% instead.


 60.1048, 0.3348,
0.4081


 60.1048, 0.3348,
0.4081


424.9840, 0.3251,
0.3690

 43.5031, 0.3368,
0.4177


 104.9817, 0.3316,
0.3940

 30.2801, 0.3391,
0.4298

 134.0257, 0.3303,
0.3887

 20.0513, 0.3417,
0.4456


167.9859, 0.3292,
0.3842

 12.4323, 0.3446,
0.4671

207.2467, 0.3282,
0.3803

 7.0388, 0.3472,
0.4976

252.1925, 0.3273,
0.3769

 3.4864, 0.3491,
0.5457

303.2077, 0.3265,

 1.3906, 0.3529,

0.3739

0.6471

360.6767, 0.3258,
0.3713

0.2098, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

60.1048, 0.3348,
0.4081

60.1048, 0.3348,
0.4081

58.3435, 0.3413,
0.4373

62.0745, 0.3276,
0.3797

56.7745, 0.3467,
0.4663

64.2525, 0.3200,
0.3529

55.3914, 0.3505,
0.4939

66.6486, 0.3124,
0.3280

54.1844, 0.3522,
0.5186

69.2698, 0.3050,
0.3052

■ 53.1425, 0.3517,
0.5391

■ 72.0239, 0.2988,
0.2860

■ 52.2527, 0.3488,
0.5544

■ 73.6547, 0.3054,
0.2869

■ 51.4942, 0.3441,
0.5648

■ 75.3721, 0.3120,
0.2877

■ 51.4633, 0.3438,
0.5652

■ 76.0696, 0.3146,
0.2881

Harmonies

Analogous

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



60.1048, 0.3746, 0.4038



60.1048, 0.3348, 0.4081



60.1048, 0.2908, 0.3864

Triad

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



60.1048, 0.3348, 0.4081



60.1048, 0.2331, 0.2719



60.1048, 0.3728, 0.3099

Complementary

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



60.1048, 0.3348, 0.4081



36.0916, 0.2845, 0.2487

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.



60.1048, 0.3307, 0.2802



60.1048, 0.3348, 0.4081



60.1048, 0.2513, 0.2580

Square

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



60.1048, 0.3348, 0.4081



60.1048, 0.2341, 0.3029



60.1048, 0.2861, 0.2616



60.1048, 0.3983, 0.3453

Rectangle

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



60.1048, 0.3348, 0.4081



60.1048, 0.2651, 0.3604



60.1048, 0.2861, 0.2616



60.1048, 0.3599, 0.2991

Sweetspot

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



60.1074, 0.3348, 0.4081



96.7252, 0.3196, 0.3517



47.9177, 0.3686, 0.3625



20.5954, 0.3208, 0.3555



0.0000, 0.0000, 0.0000



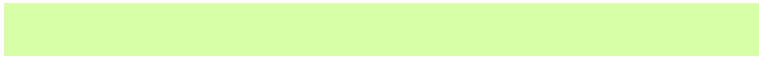
21.4041, 0.3127, 0.3290

Same Dimension

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



60.1074, 0.3348, 0.4081



88.7604, 0.3387, 0.4250



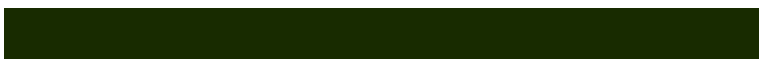
56.6842, 0.3117, 0.4140



14.2326, 0.3199, 0.3525



31.4968, 0.3448, 0.5644



1.9485, 0.3572, 0.5545

Inverse Universe

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



36.0916, 0.2845, 0.2487



47.4412, 0.2775, 0.2313



40.1510, 0.3123, 0.2551



12.2762, 0.3050, 0.3054



4.4689, 0.1926, 0.0834



0.3182, 0.2121, 0.0942

Previews

White Background



This preview shows how the Yxy color 60.1048, 0.3348, 0.4081 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 60.1048, 0.3348, 0.4081 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 60.1048, 0.3348, 0.4081

Background



This preview shows how black text looks on a background with the Yxy color 60.1048, 0.3348, 0.4081.



This preview shows how white text looks on a background with the Yxy color 60.1048, 0.3348, 0.4081.

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

60.1048, 0.3348, 0.4081

Protanopia

59.8473, 0.3683, 0.3953

Deuteranopia

59.7140, 0.3820, 0.3743



Tritanopia

59.9551, 0.2950, 0.3102

Trichromacy



Original Color

60.1048, 0.3348, 0.4081

Protanomaly

59.9976, 0.3562, 0.4008

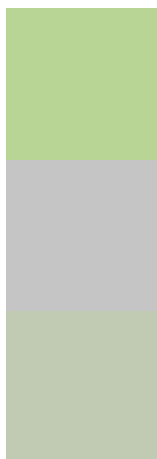
Deuteranomaly

59.6010, 0.3633, 0.3861

Tritanomaly

59.6421, 0.3090, 0.3436

Monochromacy



Original Color

60.1048, 0.3348, 0.4081

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

57.3446, 0.3215, 0.3574

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.1048, 0.3348, 0.4081 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, 213, 150)` looks like.

```
.text, #text, p{  
    color:rgb(185, 213, 150)  
}
```

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, 213, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 213, 150) }
```

Border

The CSS property to change the border of an element to Yxy 60.1048, 0.3348, 0.4081 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, 213, 150) }
```

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

```
.border{ border-color:rgb(185, 213, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 213, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 213, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 213, 150);  
box-shadow:4px 4px 4px 4px rgb(185, 213,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 60.1048, 0.3348, 0.4081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 213, 150) }
```

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

```
.background{ background-color: rgb(185,  
213, 150) }
```

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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