

Converting Colors

Yxy(50.1741, 0.3065, 0.3726)

Have a look what the booklet for
Yxy(50.1741, 0.3065, 0.3726)
contains.

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Color

Yxy(50.1227, 0.3068, 0.3727)

Conversions

Conversions Part 1

Format	Color
Hex	A0C5A5
RGB	160, 197, 165
RGB Percent	63%, 77%, 65%
CMY	0.3724, 0.2275, 0.3529
CMYK	0.19, 0.00, 0.16, 0.23
HSL	128°, 24%, 70%
HSV	128°, 19%, 77%
XYZ	41.2601, 50.1227, 43.1026
YIQ	182.2890, -11.7800, -17.7960

Conversions

Conversions Part 2

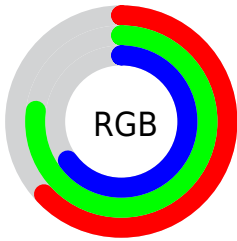
Format	Color
RYB	160, 193, 197
Decimal	10536357
CIELab	76.14, -18.59, 12.02
CIELCh	76, 22.134, 147.112
Yxy	50.1227, 0.3068, 0.3727
Android (android.graphics.Color)	4288726437 (0xFFA0C5A5)
YUV	182.2890, -8.5235, -19.5475
Hunter-Lab	70.7974, -19.8671, 13.4615

Details

The Yxy color **50.1227, 0.3068, 0.3727** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **40.8284, 0.3192, 0.2889**, and the grayscale version is **47.0012, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.4980, 0.3080, 0.3649**, and **24.0253, 0.3049, 0.3858** is the 20% darker color. If you saturate the color by 10%, you get **47.6724, 0.3036, 0.4001**, and if you desaturate by 10%, it is **52.9817, 0.3100, 0.3481**.

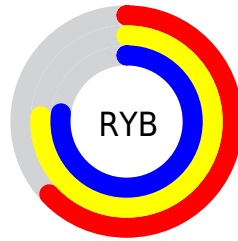
Distribution



Red (63%)

Green (77%)

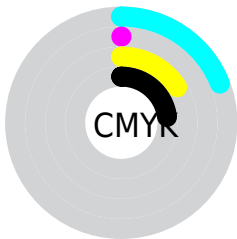
Blue (65%)



Red (63%)

Yellow (76%)

Blue (77%)

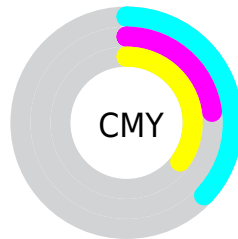


Cyan (19%)

Magenta (0%)

Yellow (16%)

Black (23%)



Cyan (37%)


Magenta (23%)

Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.1227, 0.3068, 0.3727 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 50.1227, 0.3068, 0.3727 by changing the saturation by 10% instead.


 50.1227, 0.3068,
0.3727

 50.1227, 0.3068,
0.3727


387.1456, 0.3100,
0.3505

 35.5109, 0.3059,
0.3784


 90.3566, 0.3080,
0.3645

 24.0567, 0.3047,
0.3857


 116.7476, 0.3085,
0.3615

 15.3757, 0.3030,
0.3956


147.8337, 0.3089,
0.3590

 9.0835, 0.3005,
0.4096

183.9994, 0.3092,
0.3568

 4.7957, 0.2963,
0.4309

225.6290, 0.3094,
0.3549

 2.1279, 0.2883,
0.4673

273.1070, 0.3097,

 0.6802, 0.2209,

0.3532

0.7791

326.8177, 0.3099,
0.3518

0.0000, 0.0000,
0.0000

50.1227, 0.3068,
0.3727

50.1227, 0.3068,
0.3727

47.6724, 0.3036,
0.4001

52.9817, 0.3100,
0.3481

45.6060, 0.3007,
0.4300

56.2603, 0.3131,
0.3265

43.9059, 0.2981,
0.4616

59.9766, 0.3161,
0.3076

42.5506, 0.2961,
0.4935

64.1461, 0.3188,
0.2912

41.5162, 0.2950,
0.5241

68.1080, 0.3188,
0.2766

■ 40.7758, 0.2948,
0.5513

■ 68.4110, 0.3154,
0.2722

■ 40.2980, 0.2956,
0.5731

■ 40.0338, 0.2970,
0.5883

■ 40.0081, 0.2972,
0.5898

Harmonies

Analogous

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



50.1227, 0.3369, 0.3829



50.1227, 0.3068, 0.3727



50.1227, 0.2792, 0.3489

Triad

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



50.1227, 0.3068, 0.3727



50.1227, 0.2653, 0.2815



50.1227, 0.3672, 0.3341

Complementary

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



50.1227, 0.3068, 0.3727



40.8284, 0.3192, 0.2889

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.



50.1227, 0.3462, 0.3096



50.1227, 0.3068, 0.3727



50.1227, 0.2870, 0.2800

Square

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



50.1227, 0.3068, 0.3727



50.1227, 0.2561, 0.2955



50.1227, 0.3164, 0.2902



50.1227, 0.3727, 0.3585

Rectangle

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



50.1227, 0.3068, 0.3727



50.1227, 0.2658, 0.3295



50.1227, 0.3164, 0.2902



50.1227, 0.3616, 0.3256

Sweetspot

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



50.1248, 0.3068, 0.3727



96.3893, 0.3108, 0.3421



53.6855, 0.3365, 0.3758



20.5508, 0.3106, 0.3436



0.0000, 0.0000, 0.0000



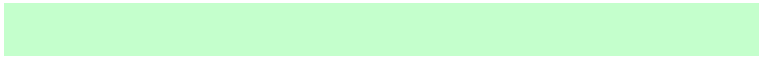
21.4041, 0.3127, 0.3290

Same Dimension

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



50.1248, 0.3068, 0.3727



87.6746, 0.3053, 0.3849



50.8451, 0.2940, 0.3471



11.9108, 0.3098, 0.3496



26.3234, 0.2968, 0.5884



1.2542, 0.2883, 0.5578

Inverse Universe

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



40.8284, 0.3192, 0.2889



67.6192, 0.3211, 0.2788



40.0618, 0.3361, 0.3116



10.7911, 0.3158, 0.3092



9.7368, 0.3578, 0.1745



0.4680, 0.3490, 0.1696

Previews

White Background



This preview shows how the Yxy color 50.1227, 0.3068, 0.3727 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 50.1227, 0.3068, 0.3727 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

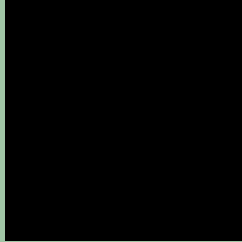
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.1227, 0.3068, 0.3727

Background



This preview shows how black text looks on a background with the Yxy color 50.1227, 0.3068, 0.3727.



This preview shows how white text looks on a background with the Yxy color 50.1227, 0.3068, 0.3727.

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

50.1227, 0.3068, 0.3727

Protanopia

49.9490, 0.3428, 0.3633

Deuteranopia

49.8719, 0.3509, 0.3449



Tritanopia

49.9333, 0.2834, 0.3096

Trichromacy



Original Color

50.1227, 0.3068, 0.3727

Protanomaly

50.0606, 0.3292, 0.3669

Deuteranomaly

49.6681, 0.3336, 0.3545

Tritanomaly

49.7940, 0.2916, 0.3316

Monochromacy



Original Color

50.1227, 0.3068, 0.3727

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

47.6739, 0.3104, 0.3436

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.1227, 0.3068, 0.3727 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(160, 197, 165)` looks like.

```
.text, #text, p{  
    color:rgb(160, 197, 165)  
}
```

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(160, 197, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 197, 165) }
```

Border

The CSS property to change the border of an element to Yxy 50.1227, 0.3068, 0.3727 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(160, 197, 165) }
```

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

```
.border{ border-color:rgb(160, 197, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 197, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 197, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 197, 165);  
box-shadow:4px 4px 4px 4px rgb(160, 197,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 50.1227, 0.3068, 0.3727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 197, 165) }
```

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

```
.background{ background-color: rgb(160,  
197, 165) }
```

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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