

Converting Colors

Yxy(57.0063, 0.3152, 0.4141)

Have a look what the booklet for
Yxy(57.0063, 0.3152, 0.4141)
contains.

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Color

Yxy(57.0275, 0.3150, 0.4147)

Conversions

Conversions Part 1

Format	Color
Hex	9ED595
RGB	158, 213, 149
RGB Percent	62%, 84%, 58%
CMY	0.3805, 0.1647, 0.4156
CMYK	0.26, 0.00, 0.30, 0.16
HSL	112°, 43%, 71%
HSV	112°, 30%, 84%
XYZ	43.3172, 57.0275, 37.1703
YIQ	189.2590, -12.2360, -31.5640

Conversions

Conversions Part 2

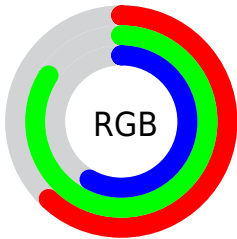
Format	Color
RYB	149, 213, 204
Decimal	10409365
CIELab	80.20, -29.86, 26.07
CIELCh	80, 39.639, 138.867
Yxy	57.0275, 0.3150, 0.4147
Android (android.graphics.Color)	4288599445 (0xFF9ED595)
YUV	189.2590, -19.8477, -27.4141
Hunter-Lab	75.5166, -29.7641, 23.6782

Details

The Yxy color **57.0275, 0.3150, 0.4147** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **39.1562, 0.3080, 0.2529**, and the grayscale version is **51.1653, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.1279, 0.3169, 0.3845**, and **28.3388, 0.3138, 0.4390** is the 20% darker color. If you saturate the color by 10%, you get **54.6891, 0.3151, 0.4483**, and if you desaturate by 10%, it is **59.7723, 0.3145, 0.3832**.

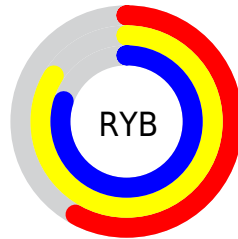
Distribution



Red (62%)

Green (84%)

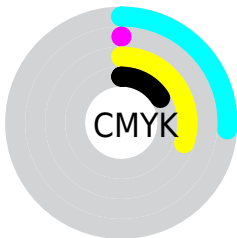
Blue (58%)



Red (58%)

Yellow (84%)

Blue (80%)

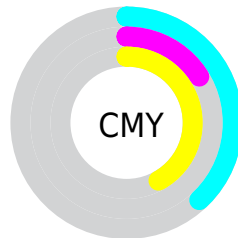


Cyan (26%)

Magenta (0%)

Yellow (30%)

Black (16%)



Cyan (38%)


Magenta (16%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.0275, 0.3150, 0.4147 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 57.0275, 0.3150, 0.4147 by changing the saturation by 10% instead.


 57.0275, 0.3150,
0.4147

 57.0275, 0.3150,
0.4147


413.5523, 0.3150,
0.3714

 41.0273, 0.3146,
0.4256


 100.5053, 0.3153,
0.3989

 28.3404, 0.3139,
0.4396


 128.7517, 0.3153,
0.3930

 18.5824, 0.3126,
0.4582


161.8490, 0.3153,
0.3880

 11.3690, 0.3101,
0.4841


200.1816, 0.3153,
0.3837

 6.3156, 0.3048,
0.5221

244.1338, 0.3152,
0.3800

 3.0379, 0.2950,
0.5869

294.0901, 0.3152,

 1.1516, 0.2300,

0.3767

0.7700

350.4348, 0.3151,
0.3739

■ 0.0216, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 57.0275, 0.3150,
0.4147

■ 57.0275, 0.3150,
0.4147

■ 54.6891, 0.3151,
0.4483

■ 59.7723, 0.3145,
0.3832

■ 52.7307, 0.3146,
0.4829


■ 62.9338, 0.3137,
0.3546


■ 51.1342, 0.3134,
0.5164

■ 66.5313, 0.3127,
0.3291

■ 49.8771, 0.3116,
0.5465


■ 70.5804, 0.3116,
0.3067

 48.9342, 0.3091,
0.5709

 75.0615, 0.3108,
0.2876

 48.2768, 0.3062,
0.5877

 76.0727, 0.3146,
0.2881

 47.8653, 0.3035,
0.5972

Harmonies

Analogous

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



57.0275, 0.3650, 0.4220



57.0275, 0.3150, 0.4147



57.0275, 0.2667, 0.3770

Triad

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



57.0275, 0.3150, 0.4147



57.0275, 0.2277, 0.2533



57.0275, 0.3991, 0.3239

Complementary

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



57.0275, 0.3150, 0.4147



39.1562, 0.3080, 0.2529

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.



57.0275, 0.3563, 0.2865



57.0275, 0.3150, 0.4147



57.0275, 0.2572, 0.2470

Square

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



57.0275, 0.3150, 0.4147



57.0275, 0.2190, 0.2800



57.0275, 0.3035, 0.2592



57.0275, 0.4163, 0.3647

Rectangle

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



57.0275, 0.3150, 0.4147



57.0275, 0.2418, 0.3425



57.0275, 0.3035, 0.2592



57.0275, 0.3871, 0.3107

Sweetspot

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



57.0299, 0.3150, 0.4147



95.0550, 0.3136, 0.3521



59.2250, 0.3608, 0.3934



20.1856, 0.3138, 0.3560



0.0000, 0.0000, 0.0000



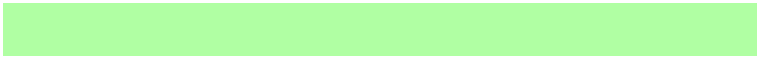
21.4041, 0.3127, 0.3290

Same Dimension

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



57.0299, 0.3150, 0.4147



83.4050, 0.3151, 0.4358



56.9417, 0.2946, 0.3848



13.9784, 0.3137, 0.3529



29.2619, 0.3040, 0.5968



1.7924, 0.3133, 0.5895

Inverse Universe

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



39.1562, 0.3080, 0.2529



52.3930, 0.3065, 0.2366



39.3969, 0.3370, 0.2792



12.5407, 0.3116, 0.3059



9.1352, 0.2861, 0.1349



0.5757, 0.2924, 0.1385

Previews

White Background



This preview shows how the Yxy color 57.0275, 0.3150, 0.4147 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 57.0275, 0.3150, 0.4147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

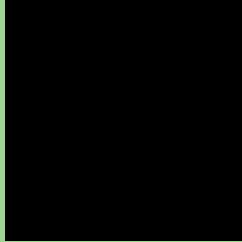
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.0275, 0.3150, 0.4147

Background



This preview shows how black text looks on a background with the Yxy color 57.0275, 0.3150, 0.4147.



This preview shows how white text looks on a background with the Yxy color 57.0275, 0.3150, 0.4147.

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

57.0275, 0.3150, 0.4147

Protanopia

56.4873, 0.3679, 0.3958

Deuteranopia

56.3158, 0.3778, 0.3699



Tritanopia

56.8991, 0.2777, 0.3093

Trichromacy



Original Color

57.0275, 0.3150, 0.4147

Protanomaly

56.0937, 0.3471, 0.4018

Deuteranomaly

55.6343, 0.3534, 0.3852

Tritanomaly

56.6277, 0.2916, 0.3456

Monochromacy



Original Color

57.0275, 0.3150, 0.4147

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

52.9091, 0.3144, 0.3601

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.0275, 0.3150, 0.4147 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(158, 213, 149)` looks like.

```
.text, #text, p{  
    color:rgb(158, 213, 149)  
}
```

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(158, 213, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 213, 149) }
```

Border

The CSS property to change the border of an element to Yxy 57.0275, 0.3150, 0.4147 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(158, 213, 149) }
```

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

```
.border{ border-color:rgb(158, 213, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 213, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 213, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 213, 149);  
box-shadow:4px 4px 4px 4px rgb(158, 213,  
149) }
```


Background

The CSS property to change the background color of an element to Yxy 57.0275, 0.3150, 0.4147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 213, 149) }
```

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

```
.background{ background-color: rgb(158,  
213, 149) }
```

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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