

Converting Colors

Yxy(57.5611, 0.3117, 0.4105)

Have a look what the booklet for
Yxy(57.5611, 0.3117, 0.4105)
contains.

Yxy(57.5611, 0.3117, 0.4105)	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(57.5611, 0.3117, 0.4105)

Conversions

Conversions Part 1

Format	Color
Hex	9DD699
RGB	157, 214, 153
RGB Percent	62%, 84%, 60%
CMY	0.3842, 0.1608, 0.3999
CMYK	0.27, 0.00, 0.28, 0.16
HSL	116°, 43%, 72%
HSV	116°, 28%, 84%
XYZ	43.7072, 57.5611, 38.9537
YIQ	190.0030, -14.3910, -31.0550

Conversions

Conversions Part 2

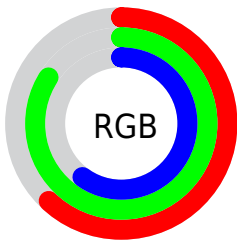
Format	Color
RYB	153, 214, 210
Decimal	10344089
CIELab	80.49, -29.99, 24.39
CIELCh	80, 38.658, 140.883
Yxy	57.5611, 0.3117, 0.4105
Android (android.graphics.Color)	4288534169 (0xFF9DD699)
YUV	190.0030, -18.2425, -28.9436
Hunter-Lab	75.8690, -29.9393, 22.6669

Details

The Yxy color **57.5611, 0.3117, 0.4105** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **41.3453, 0.3124, 0.2578**, and the grayscale version is **51.6134, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.2202, 0.3134, 0.3791**, and **28.6986, 0.3096, 0.4333** is the 20% darker color. If you saturate the color by 10%, you get **55.0689, 0.3109, 0.4446**, and if you desaturate by 10%, it is **60.5141, 0.3123, 0.3789**.

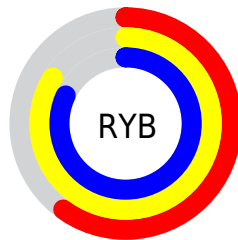
Distribution



Red (62%)

Green (84%)

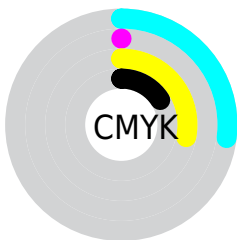
Blue (60%)



Red (60%)

Yellow (84%)

Blue (82%)

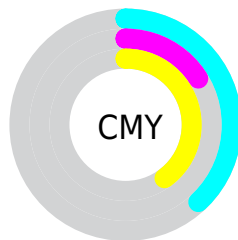


Cyan (27%)

Magenta (0%)

Yellow (28%)

Black (16%)



Cyan (38%)


Magenta (16%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.5611, 0.3117, 0.4105 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 57.5611, 0.3117, 0.4105 by changing the saturation by 10% instead.


 57.5611, 0.3117,
0.4105

 57.5611, 0.3117,
0.4105


415.5485, 0.3132,
0.3694

 41.4559, 0.3110,
0.4208


 101.2834, 0.3125,
0.3955

 28.6755, 0.3099,
0.4341


 129.6694, 0.3127,
0.3899

 18.8355, 0.3082,
0.4518


162.9177, 0.3129,
0.3851

 11.5515, 0.3052,
0.4763

201.4127, 0.3130,
0.3811

 6.4390, 0.2995,
0.5125

245.5390, 0.3131,
0.3775

 3.1138, 0.2880,
0.5716

295.6807, 0.3131,

 1.1915, 0.2380,

0.3745

0.7620

352.2224, 0.3132,
0.3718

■ 0.0547, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 57.5611, 0.3117,
0.4105

■ 57.5611, 0.3117,
0.4105

■ 55.0689, 0.3109,
0.4446

■ 60.5141, 0.3123,
0.3789

■ 53.0073, 0.3097,
0.4798

■ 63.9417, 0.3126,
0.3505

■ 51.3541, 0.3083,
0.5144

■ 67.8662, 0.3127,
0.3254

■ 50.0821, 0.3066,
0.5457

■ 72.3063, 0.3127,
0.3035

■ 49.1607, 0.3047,
0.5711

■ 76.5713, 0.3146,
0.2891

■ 48.5547, 0.3029,
0.5886

■ 48.2184, 0.3013,
0.5980

■ 48.1853, 0.3012,
0.5990

Harmonies

Analogous

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



57.5611, 0.3607, 0.4199



57.5611, 0.3117, 0.4105



57.5611, 0.2652, 0.3724

Triad

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



57.5611, 0.3117, 0.4105



57.5611, 0.2312, 0.2543



57.5611, 0.3987, 0.3268

Complementary

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



57.5611, 0.3117, 0.4105



41.3453, 0.3124, 0.2578

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.



57.5611, 0.3585, 0.2898



57.5611, 0.3117, 0.4105



57.5611, 0.2613, 0.2493

Square

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



57.5611, 0.3117, 0.4105



57.5611, 0.2213, 0.2791



57.5611, 0.3072, 0.2623



57.5611, 0.4135, 0.3666

Rectangle

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



57.5611, 0.3117, 0.4105



57.5611, 0.2416, 0.3388



57.5611, 0.3072, 0.2623



57.5611, 0.3876, 0.3138

Sweetspot

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



57.5635, 0.3117, 0.4105



94.7669, 0.3126, 0.3521



62.6558, 0.3567, 0.3955



20.1153, 0.3125, 0.3561



0.0000, 0.0000, 0.0000



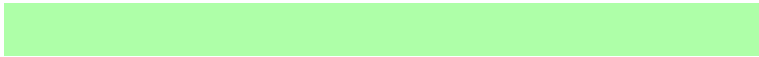
21.4041, 0.3127, 0.3290

Same Dimension

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



57.5635, 0.3117, 0.4105



83.3571, 0.3113, 0.4302



58.1388, 0.2923, 0.3745



13.9345, 0.3126, 0.3530



29.1419, 0.3015, 0.5988



1.7717, 0.3064, 0.5949

Inverse Universe

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



41.3453, 0.3124, 0.2578



55.5310, 0.3121, 0.2431



40.6987, 0.3403, 0.2876



12.5892, 0.3127, 0.3060



10.3687, 0.3046, 0.1452



0.6382, 0.3076, 0.1468

Previews

White Background



This preview shows how the Yxy color 57.5611, 0.3117, 0.4105 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 57.5611, 0.3117, 0.4105 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

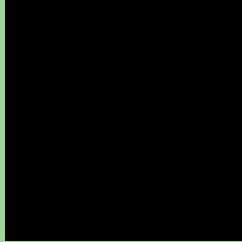
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.5611, 0.3117, 0.4105

Background



This preview shows how black text looks on a background with the Yxy color 57.5611, 0.3117, 0.4105.



This preview shows how white text looks on a background with the Yxy color 57.5611, 0.3117, 0.4105.

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

57.5611, 0.3117, 0.4105

Protanopia

57.2183, 0.3654, 0.3919

Deuteranopia

56.8860, 0.3742, 0.3665



Tritanopia

57.3716, 0.2759, 0.3081

Trichromacy



Original Color

57.5611, 0.3117, 0.4105



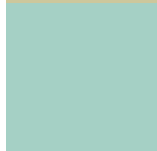
Protanomaly

56.6931, 0.3439, 0.3979



Deuteranomaly

56.2263, 0.3500, 0.3814



Tritanomaly

57.1423, 0.2890, 0.3430

Monochromacy



Original Color

57.5611, 0.3117, 0.4105



Achromatopsia

51.4918, 0.3127, 0.3290



Achromatomaly

53.4861, 0.3122, 0.3574

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.5611, 0.3117, 0.4105 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(157, 214, 153)` looks like.

```
.text, #text, p{  
    color:rgb(157, 214, 153)  
}
```

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(157, 214, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 214, 153) }
```

Border

The CSS property to change the border of an element to Yxy 57.5611, 0.3117, 0.4105 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(157, 214, 153) }
```

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

```
.border{ border-color:rgb(157, 214, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 214, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 214, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 214, 153);  
box-shadow:4px 4px 4px 4px rgb(157, 214,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 57.5611, 0.3117, 0.4105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 214, 153) }
```

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

```
.background{ background-color: rgb(157,  
214, 153) }
```

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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