

Converting Colors

$Yxy(60.4125, 0.3117, 0.3962)$

Have a look what the booklet for
Yxy(60.4125, 0.3117, 0.3962)
contains.

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Color

Yxy(60.6672, 0.3117, 0.3960)

Conversions

Conversions Part 1

Format	Color
Hex	A8D9A5
RGB	168, 217, 165
RGB Percent	66%, 85%, 65%
CMY	0.3411, 0.1490, 0.3530
CMYK	0.23, 0.00, 0.24, 0.15
HSL	117°, 41%, 75%
HSV	117°, 24%, 85%
XYZ	47.7524, 60.6672, 44.7804
YIQ	196.4210, -12.5120, -26.5600

Conversions

Conversions Part 2

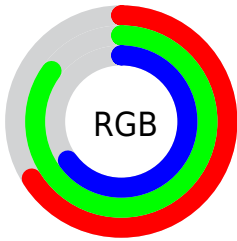
Format	Color
RYB	165, 217, 214
Decimal	11065765
CIELab	82.20, -25.79, 20.58
CIElCh	82, 32.991, 141.412
Yxy	60.6672, 0.3117, 0.3960
Android (android.graphics.Color)	4289255845 (0xFFA8D9A5)
YUV	196.4210, -15.4906, -24.9252
Hunter-Lab	77.8892, -26.8709, 20.4351

Details

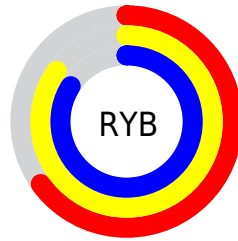
The Yxy color **60.6672, 0.3117, 0.3960** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **46.2061, 0.3129, 0.2692**, and the grayscale version is **55.5697, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.5346, 0.3135, 0.3653**, and **30.6778, 0.3105, 0.4147** is the 20% darker color. If you saturate the color by 10%, you get **57.8757, 0.3109, 0.4291**, and if you desaturate by 10%, it is **63.9504, 0.3123, 0.3657**.

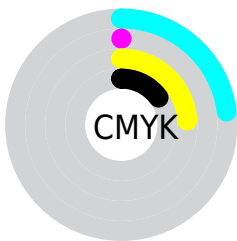
Distribution



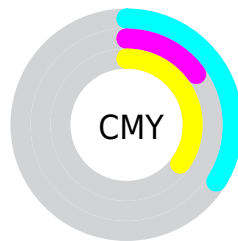
- Red (66%)
- Green (85%)
- Blue (65%)



- Red (65%)
- Yellow (85%)
- Blue (84%)



- Cyan (23%)
- Magenta (0%)
- Yellow (24%)
- Black (15%)




- Cyan (34%)
- Magenta (15%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.6672, 0.3117, 0.3960 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 60.6672, 0.3117, 0.3960 by changing the saturation by 10% instead.


 60.6672, 0.3117,
0.3960


 60.6672, 0.3117,
0.3960


427.0527, 0.3129,
0.3627

 43.9566, 0.3112,
0.4042

 105.7969, 0.3123,
0.3839

 30.6364, 0.3105,
0.4147


 134.9849, 0.3124,
0.3794

 20.3222, 0.3093,
0.4286


169.1007, 0.3126,
0.3756

 12.6294, 0.3074,
0.4477

208.5289, 0.3127,
0.3723

 7.1739, 0.3038,
0.4756

253.6538, 0.3127,
0.3694

 3.5711, 0.2963,
0.5197

304.8598, 0.3128,

 1.4366, 0.3082,

0.3669

0.6768

362.5313, 0.3128,
0.3647

0.2435, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

60.6672, 0.3117,
0.3960

60.6672, 0.3117,
0.3960

57.8757, 0.3109,
0.4291

63.9504, 0.3123,
0.3657

55.5451, 0.3098,
0.4642

67.7394, 0.3126,
0.3388

53.6528, 0.3085,
0.4995

72.0568, 0.3128,
0.3151

52.1714, 0.3068,
0.5326

76.9221, 0.3129,
0.2946

■ 51.0704, 0.3051,
0.5610

■ 78.1081, 0.3145,
0.2920

■ 50.3148, 0.3033,
0.5821

■ 49.8634, 0.3017,
0.5948

■ 49.7109, 0.3010,
0.5992

Harmonies

Analogous

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



60.6672, 0.3530, 0.4050



60.6672, 0.3117, 0.3960



60.6672, 0.2723, 0.3645

Triad

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



60.6672, 0.3117, 0.3960



60.6672, 0.2437, 0.2656



60.6672, 0.3851, 0.3284

Complementary

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



60.6672, 0.3117, 0.3960



46.2061, 0.3129, 0.2692

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.



60.6672, 0.3520, 0.2964



60.6672, 0.3117, 0.3960



60.6672, 0.2700, 0.2611

Square

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



60.6672, 0.3117, 0.3960



60.6672, 0.2349, 0.2870



60.6672, 0.3092, 0.2724



60.6672, 0.3972, 0.3624

Rectangle

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



60.6672, 0.3117, 0.3960



60.6672, 0.2523, 0.3369



60.6672, 0.3092, 0.2724



60.6672, 0.3759, 0.3172

Sweetspot

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



60.6698, 0.3117, 0.3960



95.8530, 0.3125, 0.3468



65.3272, 0.3496, 0.3849



20.4437, 0.3125, 0.3484



0.0000, 0.0000, 0.0000



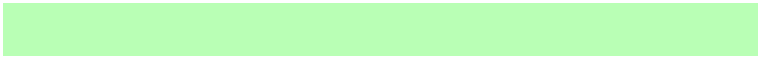
21.4041, 0.3127, 0.3290

Same Dimension

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



60.6698, 0.3117, 0.3960



85.2165, 0.3113, 0.4132



61.2358, 0.2953, 0.3664



14.6422, 0.3124, 0.3531



30.1059, 0.3013, 0.5989



1.9634, 0.3054, 0.5957

Inverse Universe

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



46.2061, 0.3129, 0.2692



60.7410, 0.3128, 0.2558



45.5716, 0.3350, 0.2944



13.2343, 0.3129, 0.3059



10.8519, 0.3064, 0.1462



0.7150, 0.3090, 0.1476

Previews

White Background



This preview shows how the Yxy color 60.6672, 0.3117, 0.3960 looks on a white background.

Color Contrast Check

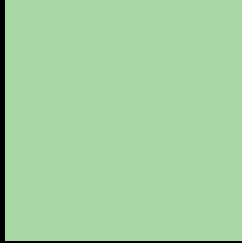
Large Text (above 18pt) WCAG AA × Fail

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 60.6672, 0.3117, 0.3960 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

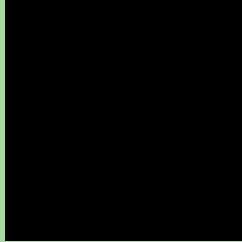
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.6672, 0.3117, 0.3960

Background



This preview shows how black text looks on a background with the Yxy color 60.6672, 0.3117, 0.3960.

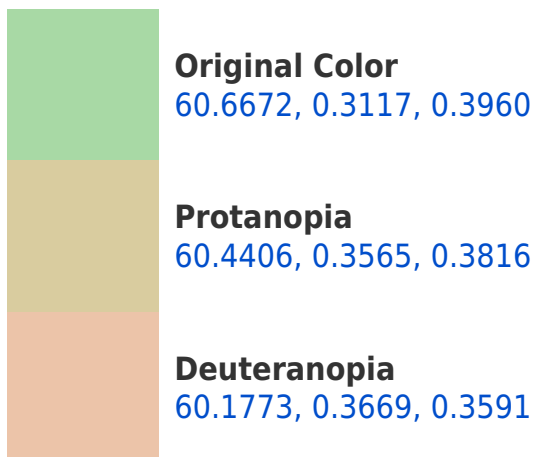


This preview shows how white text looks on a background with the Yxy color 60.6672, 0.3117, 0.3960.

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





Tritanopia

60.5569, 0.2798, 0.3087

Trichromacy



Original Color

60.6672, 0.3117, 0.3960

Protanomaly

60.3163, 0.3391, 0.3874

Deuteranomaly

59.8618, 0.3447, 0.3717

Tritanomaly

60.4453, 0.2909, 0.3388

Monochromacy



Original Color

60.6672, 0.3117, 0.3960

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

57.1276, 0.3124, 0.3527

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.6672, 0.3117, 0.3960 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(168, 217, 165)` looks like.

```
.text, #text, p{  
    color:rgb(168, 217, 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(168, 217, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 217, 165) }
```

Border

The CSS property to change the border of an element to Yxy 60.6672, 0.3117, 0.3960 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(168, 217, 165) }
```

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

```
.border{ border-color:rgb(168, 217, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 217, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 217, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 217, 165);  
box-shadow:4px 4px 4px 4px rgb(168, 217,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 60.6672, 0.3117, 0.3960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 217, 165) }
```

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

```
.background{ background-color: rgb(168,  
217, 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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