

Converting Colors

$Yxy(60.8953, 0.3089, 0.3962)$

Have a look what the booklet for
Yxy(60.8953, 0.3089, 0.3962)
contains.

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Color

Yxy(60.8953, 0.3089, 0.3962)

Conversions

Conversions Part 1

Format	Color
Hex	A5DAA6
RGB	165, 218, 166
RGB Percent	65%, 85%, 65%
CMY	0.3528, 0.1451, 0.3490
CMYK	0.24, 0.00, 0.24, 0.15
HSL	121°, 42%, 75%
HSV	121°, 24%, 85%
XYZ	47.4774, 60.8953, 45.3257
YIQ	196.2250, -14.8960, -27.4080

Conversions

Conversions Part 2

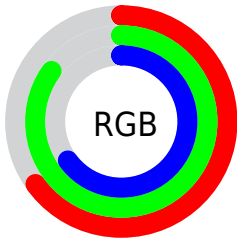
Format	Color
RYB	165, 217, 218
Decimal	10869414
CIELab	82.32, -27.08, 20.19
CIElCh	82, 33.778, 143.298
Yxy	60.8953, 0.3089, 0.3962
Android (android.graphics.Color)	4289059494 (0xFFA5DAA6)
YUV	196.2250, -14.9009, -27.3843
Hunter-Lab	78.0354, -27.9611, 20.1871

Details

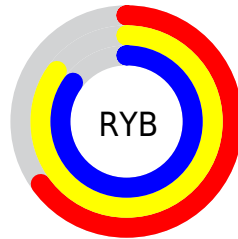
The Yxy color **60.8953, 0.3089, 0.3962** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **46.8425, 0.3163, 0.2699**, and the grayscale version is **55.4477, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.1126, 0.3111, 0.3644**, and **30.8540, 0.3069, 0.4150** is the 20% darker color. If you saturate the color by 10%, you get **58.0340, 0.3071, 0.4293**, and if you desaturate by 10%, it is **64.2910, 0.3106, 0.3661**.

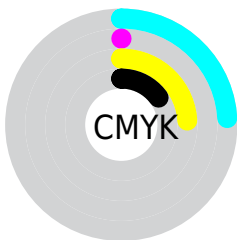
Distribution



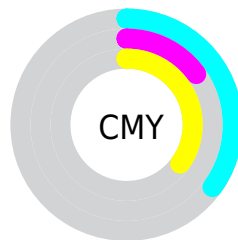
- Red (65%)
- Green (85%)
- Blue (65%)



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



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





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.8953, 0.3089, 0.3962 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 60.8953, 0.3089, 0.3962 by changing the saturation by 10% instead.


 60.8953, 0.3089,
0.3962


 60.8953, 0.3089,
0.3962


427.8900, 0.3114,
0.3628

 44.1407, 0.3081,
0.4045


 106.1273, 0.3100,
0.3841

 30.7811, 0.3070,
0.4150


 135.3735, 0.3103,
0.3795

 20.4322, 0.3053,
0.4290

169.5523, 0.3106,
0.3757

 12.7096, 0.3026,
0.4482

209.0482, 0.3108,
0.3724

 7.2289, 0.2981,
0.4763

254.2455, 0.3110,
0.3695

 3.6057, 0.2893,
0.5208

305.5287, 0.3112,

 1.4555, 0.2935,

0.3670

0.6723

363.2820, 0.3113,
0.3647

0.2571, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

60.8953, 0.3089,
0.3962

60.8953, 0.3089,
0.3962

58.0340, 0.3071,
0.4293

64.2910, 0.3106,
0.3661

55.6726, 0.3053,
0.4644

68.2381, 0.3121,
0.3394

53.7848, 0.3036,
0.4997

72.7624, 0.3135,
0.3161

52.3387, 0.3020,
0.5330

77.8859, 0.3147,
0.2960

■ 51.2983, 0.3009,
0.5614

■ 78.6209, 0.3144,
0.2930

■ 50.6223, 0.3001,
0.5826

■ 50.2602, 0.2999,
0.5952

■ 50.1495, 0.2997,
0.5991

Harmonies

Analogous

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



60.8953, 0.3514, 0.4070



60.8953, 0.3089, 0.3962



60.8953, 0.2692, 0.3627

Triad

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



60.8953, 0.3089, 0.3962



60.8953, 0.2435, 0.2634



60.8953, 0.3883, 0.3305

Complementary

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



60.8953, 0.3089, 0.3962



46.8425, 0.3163, 0.2699

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.



60.8953, 0.3554, 0.2975



60.8953, 0.3089, 0.3962



60.8953, 0.2713, 0.2600

Square

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



60.8953, 0.3089, 0.3962



60.8953, 0.2333, 0.2841



60.8953, 0.3118, 0.2724



60.8953, 0.3990, 0.3651

Rectangle

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



60.8953, 0.3089, 0.3962



60.8953, 0.2494, 0.3343



60.8953, 0.3118, 0.2724



60.8953, 0.3793, 0.3190

Sweetspot

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



60.8979, 0.3089, 0.3962



95.6924, 0.3117, 0.3465



67.6282, 0.3485, 0.3895



20.4067, 0.3116, 0.3480



0.0000, 0.0000, 0.0000



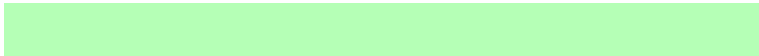
21.4041, 0.3127, 0.3290

Same Dimension

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



60.8979, 0.3089, 0.3962



84.7430, 0.3080, 0.4123



61.9684, 0.2924, 0.3612



14.6100, 0.3113, 0.3527



30.0476, 0.2997, 0.5988



1.9480, 0.2986, 0.5950

Inverse Universe

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



46.8425, 0.3163, 0.2699



61.4625, 0.3171, 0.2578



45.5761, 0.3393, 0.2989



13.2706, 0.3141, 0.3064



11.8426, 0.3254, 0.1566



0.7685, 0.3247, 0.1562

Previews

White Background



This preview shows how the Yxy color 60.8953, 0.3089, 0.3962 looks on a white background.

Color Contrast Check

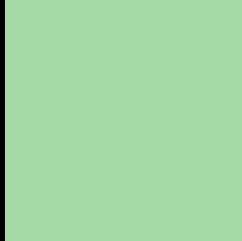
Large Text (above 18pt) WCAG AA × Fail

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 60.8953, 0.3089, 0.3962 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 60.8953, 0.3089, 0.3962

Background



This preview shows how black text looks on a background with the Yxy color 60.8953, 0.3089, 0.3962.

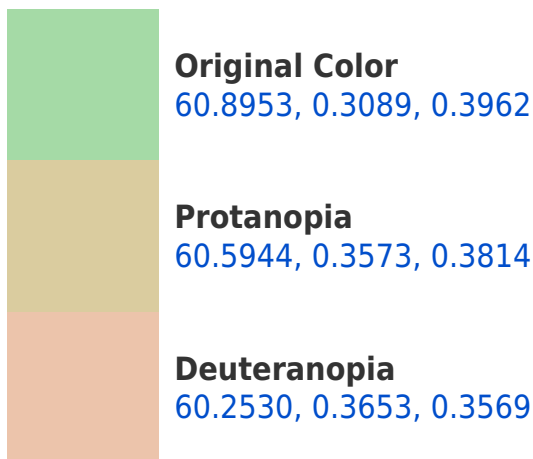


This preview shows how white text looks on a background with the Yxy color 60.8953, 0.3089, 0.3962.

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

60.8693, 0.2779, 0.3086

Trichromacy



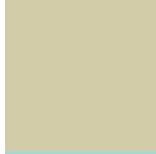
Original Color

60.8953, 0.3089, 0.3962



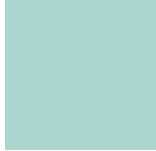
Protanomaly

60.3517, 0.3384, 0.3862



Deuteranomaly

59.7519, 0.3432, 0.3706



Tritanomaly

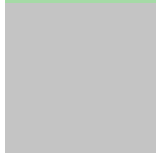
60.7669, 0.2890, 0.3388

Monochromacy



Original Color

60.8953, 0.3089, 0.3962



Achromatopsia

55.2011, 0.3127, 0.3290



Achromatomaly

57.0028, 0.3116, 0.3527

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.8953, 0.3089, 0.3962 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(165, 218, 166)` looks like.

```
.text, #text, p{  
    color:rgb(165, 218, 166)  
}
```

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(165, 218, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 218, 166) }
```

Border

The CSS property to change the border of an element to Yxy 60.8953, 0.3089, 0.3962 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(165, 218, 166) }
```

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

```
.border{ border-color:rgb(165, 218, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 218, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 218, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 218, 166);  
box-shadow:4px 4px 4px 4px rgb(165, 218,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 60.8953, 0.3089, 0.3962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 218, 166) }
```

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

```
.background{ background-color: rgb(165,  
218, 166) }
```

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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