

Converting Colors

$Yxy(66.3621, 0.3059, 0.3902)$

Have a look what the booklet for
Yxy(66.3621, 0.3059, 0.3902)
contains.

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Color

Yxy(66.2250, 0.3058, 0.3900)

Conversions

Conversions Part 1

Format	Color
Hex	ABE2B1
RGB	171, 226, 177
RGB Percent	67%, 89%, 69%
CMY	0.3295, 0.1137, 0.3058
CMYK	0.24, 0.00, 0.22, 0.11
HSL	127°, 49%, 78%
HSV	127°, 24%, 89%
XYZ	51.9272, 66.2250, 51.6555
YIQ	203.9690, -17.0510, -26.8990

Conversions

Conversions Part 2

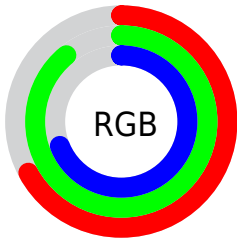
Format	Color
RYB	171, 221, 226
Decimal	11264689
CIELab	85.11, -27.08, 18.34
CIElCh	85, 32.705, 145.881
Yxy	66.2250, 0.3058, 0.3900
Android (android.graphics.Color)	4289454769 (0xFFABE2B1)
YUV	203.9690, -13.2957, -28.9138
Hunter-Lab	81.3787, -28.5132, 19.3305

Details

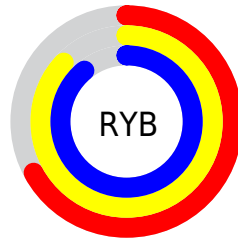
The Yxy color **66.2250, 0.3058, 0.3900** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **50.4571, 0.3204, 0.2748**, and the grayscale version is **60.4581, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.7341, 0.3080, 0.3514**, and **34.0562, 0.3040, 0.4062** is the 20% darker color. If you saturate the color by 10%, you get **63.1590, 0.3030, 0.4200**, and if you desaturate by 10%, it is **69.8488, 0.3087, 0.3628**.

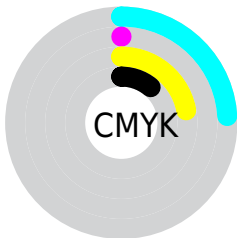
Distribution



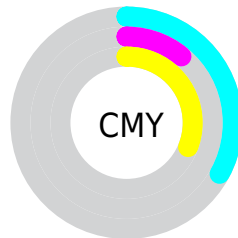
- Red (67%)
- Green (89%)
- Blue (69%)



- Red (67%)
- Yellow (87%)
- Blue (89%)



- Cyan (24%)
- Magenta (0%)
- Yellow (22%)
- Black (11%)





- Cyan (33%)
- Magenta (11%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.2250, 0.3058, 0.3900 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 66.2250, 0.3058, 0.3900 by changing the saturation by 10% instead.


 66.2250, 0.3058,
0.3900

 66.2250, 0.3058,
0.3900


447.1811, 0.3096,
0.3601

 48.4551, 0.3047,
0.3972


 113.8092, 0.3073,
0.3793

 34.1874, 0.3033,
0.4064


144.3923, 0.3078,
0.3752

 23.0376, 0.3014,
0.4185


180.0152, 0.3082,
0.3718

 14.6213, 0.2985,
0.4348

221.0623, 0.3086,
0.3688

 8.5540, 0.2939,
0.4583

267.9181, 0.3089,
0.3662

 4.4515, 0.2859,
0.4947

320.9669, 0.3092,

 1.9292, 0.2741,

0.3639

0.5674

380.5931, 0.3094,
0.3619

0.5658, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

66.2250, 0.3058,
0.3900

66.2250, 0.3058,
0.3900

63.1590, 0.3030,
0.4200

69.8488, 0.3087,
0.3628

60.6152, 0.3004,
0.4522

74.0473, 0.3115,
0.3386

58.5669, 0.2983,
0.4852

78.8470, 0.3142,
0.3174

56.9814, 0.2968,
0.5173

82.8755, 0.3140,
0.3009

■ 55.8225, 0.2962,
0.5463

■ 55.0482, 0.2964,
0.5700

■ 54.6080, 0.2975,
0.5868

■ 54.4648, 0.2981,
0.5932

Harmonies

Analogous

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



66.2250, 0.3461, 0.4023



66.2250, 0.3058, 0.3900



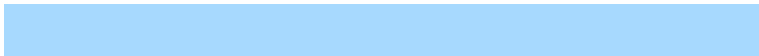
66.2250, 0.2690, 0.3574

Triad

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



66.2250, 0.3058, 0.3900



66.2250, 0.2489, 0.2662



66.2250, 0.3856, 0.3335

Complementary

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



66.2250, 0.3058, 0.3900



50.4571, 0.3204, 0.2748

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.



66.2250, 0.3562, 0.3018



66.2250, 0.3058, 0.3900



66.2250, 0.2766, 0.2642

Square

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



66.2250, 0.3058, 0.3900



66.2250, 0.2377, 0.2845



66.2250, 0.3156, 0.2771



66.2250, 0.3937, 0.3661

Rectangle

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



66.2250, 0.3058, 0.3900



66.2250, 0.2510, 0.3306



66.2250, 0.3156, 0.2771



66.2250, 0.3778, 0.3225

Sweetspot

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



66.2278, 0.3058, 0.3900



95.7888, 0.3108, 0.3448



72.6297, 0.3452, 0.3905



20.4290, 0.3106, 0.3462



0.0000, 0.0000, 0.0000



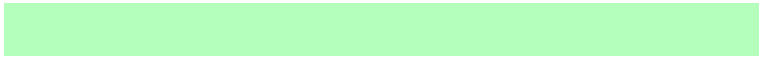
21.4041, 0.3127, 0.3290

Same Dimension

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



66.2278, 0.3058, 0.3900



85.0313, 0.3044, 0.4043



67.4119, 0.2896, 0.3556



15.3616, 0.3101, 0.3505



31.0792, 0.2977, 0.5918



2.1626, 0.2923, 0.5722

Inverse Universe

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



50.4571, 0.3204, 0.2748



61.0362, 0.3222, 0.2638



49.1417, 0.3435, 0.3039



13.9084, 0.3155, 0.3084



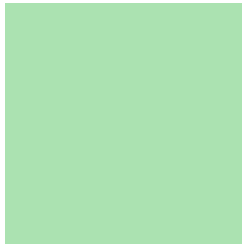
11.6461, 0.3506, 0.1705



0.8148, 0.3454, 0.1676

Previews

White Background



This preview shows how the Yxy color 66.2250, 0.3058, 0.3900 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 66.2250, 0.3058, 0.3900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

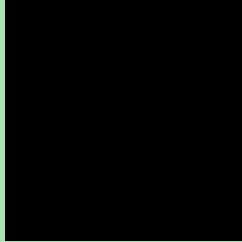
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

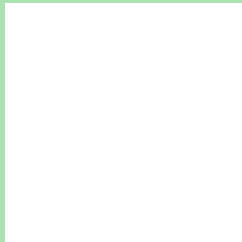
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.2250, 0.3058, 0.3900

Background



This preview shows how black text looks on a background with the Yxy color 66.2250, 0.3058, 0.3900.

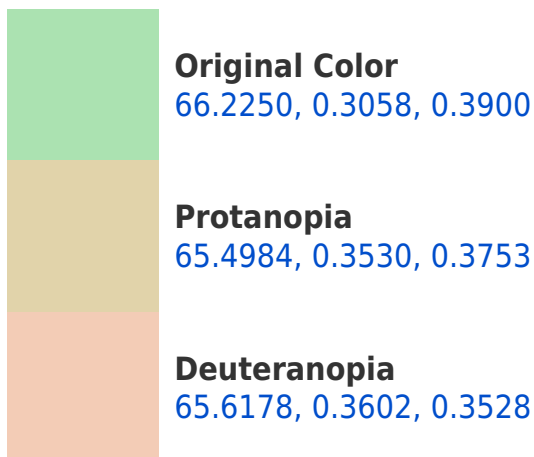


This preview shows how white text looks on a background with the Yxy color 66.2250, 0.3058, 0.3900.

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

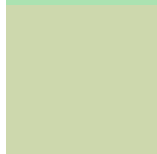
66.0227, 0.2766, 0.3081

Trichromacy



Original Color

66.2250, 0.3058, 0.3900



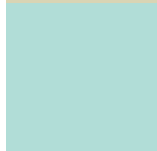
Protanomaly

65.1080, 0.3340, 0.3797



Deuteranomaly

65.1340, 0.3391, 0.3657



Tritanomaly

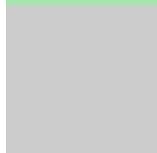
65.9663, 0.2866, 0.3361

Monochromacy



Original Color

66.2250, 0.3058, 0.3900



Achromatopsia

60.3827, 0.3127, 0.3290



Achromatomaly

62.1885, 0.3102, 0.3507

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.2250, 0.3058, 0.3900 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(171, 226, 177)` looks like.

```
.text, #text, p{  
    color:rgb(171, 226, 177)  
}
```

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(171, 226, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 226, 177) }
```

Border

The CSS property to change the border of an element to Yxy 66.2250, 0.3058, 0.3900 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(171, 226, 177) }
```

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

```
.border{ border-color:rgb(171, 226, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 226, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 226, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 226, 177); box-shadow:4px 4px 4px 4px rgb(171, 226, 177) }
```


Background

The CSS property to change the background color of an element to Yxy 66.2250, 0.3058, 0.3900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 226, 177) }
```

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

```
.background{ background-color: rgb(171,  
226, 177) }
```

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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