

Converting Colors

$Yxy(62.7374, 0.3062, 0.4314)$

Have a look what the booklet for
Yxy(62.7374, 0.3062, 0.4314)
contains.

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Color

Yxy(62.6736, 0.3060, 0.4312)

Conversions

Conversions Part 1

Format	Color
Hex	92E295
RGB	146, 226, 149
RGB Percent	57%, 89%, 58%
CMY	0.4275, 0.1137, 0.4156
CMYK	0.35, 0.00, 0.34, 0.11
HSL	122°, 58%, 73%
HSV	122°, 35%, 89%
XYZ	44.4762, 62.6736, 38.1972
YIQ	193.3020, -22.9630, -40.9070

Conversions

Conversions Part 2

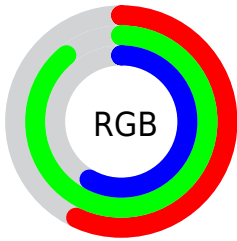
Format	Color
RYB	146, 223, 226
Decimal	9626261
CIELab	83.27, -39.71, 30.10
CIElCh	83, 49.829, 142.837
Yxy	62.6736, 0.3060, 0.4312
Android (android.graphics.Color)	4287816341 (0xFF92E295)
YUV	193.3020, -21.8409, -41.4839
Hunter-Lab	79.1667, -38.2596, 26.8098

Details

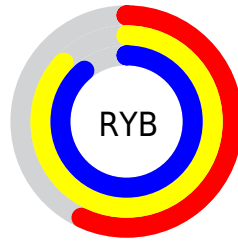
The Yxy color **62.6736, 0.3060, 0.4312** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **42.0523, 0.3195, 0.2445**, and the grayscale version is **53.6584, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.4362, 0.3089, 0.3847**, and **31.8878, 0.3027, 0.4608** is the 20% darker color. If you saturate the color by 10%, you get **60.1747, 0.3040, 0.4659**, and if you desaturate by 10%, it is **65.7168, 0.3080, 0.3984**.

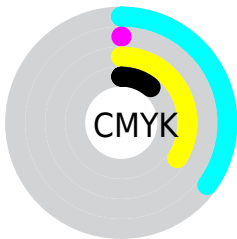
Distribution



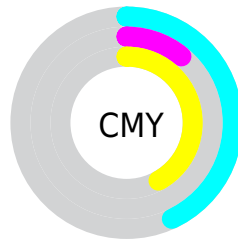
- Red (57%)
- Green (89%)
- Blue (58%)



- Red (57%)
- Yellow (87%)
- Blue (89%)



- Cyan (35%)
- Magenta (0%)
- Yellow (34%)
- Black (11%)



- Cyan (43%)
- Magenta (11%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.6736, 0.3060, 0.4312 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 62.6736, 0.3060, 0.4312 by changing the saturation by 10% instead.


 62.6736, 0.3060,
0.4312

 62.6736, 0.3060,
0.4312


434.3839, 0.3108,
0.3798

 45.5772, 0.3044,
0.4440


 108.6985, 0.3081,
0.4125

 31.9123, 0.3020,
0.4603


 138.3958, 0.3088,
0.4055

 21.2945, 0.2985,
0.4819


173.0621, 0.3093,
0.3996

 13.3395, 0.2929,
0.5116

213.0819, 0.3097,
0.3945

 7.6627, 0.2832,
0.5544

258.8397, 0.3101,
0.3901

 3.8799, 0.2653,
0.6224

310.7196, 0.3104,

 1.6066, 0.2100,

0.3862

0.7900

369.1063, 0.3106,
0.3828

0.3620, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

62.6736, 0.3060,
0.4312

62.6736, 0.3060,
0.4312

60.1747, 0.3040,
0.4659

65.7168, 0.3080,
0.3984

58.1807, 0.3023,
0.5007

69.3254, 0.3100,
0.3685

56.6596, 0.3008,
0.5335

73.5288, 0.3118,
0.3420

55.5723, 0.2998,
0.5615

78.3522, 0.3135,
0.3187

■ 54.8733, 0.2994,
0.5824

■ 82.8748, 0.3140,
0.3009

■ 54.5074, 0.2995,
0.5949

■ 54.4136, 0.2995,
0.5981

Harmonies

Analogous

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



62.6736, 0.3671, 0.4437



62.6736, 0.3060, 0.4312



62.6736, 0.2498, 0.3799

Triad

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



62.6736, 0.3060, 0.4312



62.6736, 0.2145, 0.2358



62.6736, 0.4231, 0.3278

Complementary

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



62.6736, 0.3060, 0.4312



42.0523, 0.3195, 0.2445

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.



62.6736, 0.3737, 0.2832



62.6736, 0.3060, 0.4312



62.6736, 0.2520, 0.2322

Square

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



62.6736, 0.3060, 0.4312



62.6736, 0.2010, 0.2632



62.6736, 0.3093, 0.2493



62.6736, 0.4384, 0.3761

Rectangle

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



62.6736, 0.3060, 0.4312



62.6736, 0.2225, 0.3360



62.6736, 0.3093, 0.2493



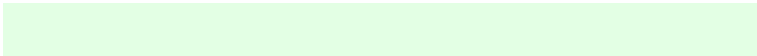
62.6736, 0.4097, 0.3122

Sweetspot

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



62.6762, 0.3060, 0.4312



93.4449, 0.3108, 0.3566



72.2116, 0.3638, 0.4175



19.8428, 0.3105, 0.3603



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.



62.6762, 0.3060, 0.4312



80.0722, 0.3046, 0.4549



64.1651, 0.2833, 0.3771



15.3456, 0.3111, 0.3523



31.0457, 0.2993, 0.5975



2.1549, 0.2972, 0.5901

Inverse Universe

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



42.0523, 0.3195, 0.2445



49.3699, 0.3209, 0.2289



40.1588, 0.3576, 0.2859



13.9262, 0.3144, 0.3068



12.0996, 0.3306, 0.1595



0.8415, 0.3290, 0.1586

Previews

White Background



This preview shows how the Yxy color 62.6736, 0.3060, 0.4312 looks on a white background.

Color Contrast Check

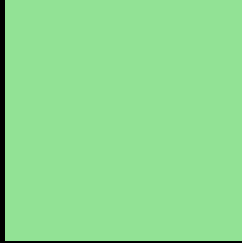
Large Text (above 18pt) WCAG AA × Fail

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 62.6736, 0.3060, 0.4312 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

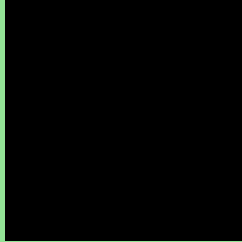
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.6736, 0.3060, 0.4312

Background



This preview shows how black text looks on a background with the Yxy color 62.6736, 0.3060, 0.4312.



This preview shows how white text looks on a background with the Yxy color 62.6736, 0.3060, 0.4312.

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

62.6736, 0.3060, 0.4312

Protanopia

61.7537, 0.3742, 0.4032

Deuteranopia

61.8094, 0.3834, 0.3757



Tritanopia

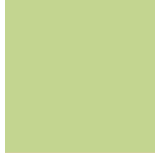
62.6763, 0.2666, 0.3085

Trichromacy



Original Color

62.6736, 0.3060, 0.4312



Protanomaly

61.2042, 0.3468, 0.4135



Deuteranomaly

60.8216, 0.3524, 0.3946



Tritanomaly

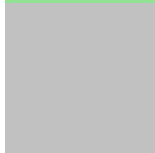
62.5186, 0.2810, 0.3516

Monochromacy



Original Color

62.6736, 0.3060, 0.4312



Achromatopsia

53.3276, 0.3127, 0.3290



Achromatomaly

56.0671, 0.3103, 0.3649

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.6736, 0.3060, 0.4312 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(146, 226, 149)` looks like.

```
.text, #text, p{  
    color:rgb(146, 226, 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(146, 226, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 226, 149) }
```

Border

The CSS property to change the border of an element to Yxy 62.6736, 0.3060, 0.4312 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(146, 226, 149) }
```

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

```
.border{ border-color:rgb(146, 226, 149) }
```

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

Here you see how a box with a 4 pixel rgb(146, 226, 149) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 226, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 226, 149);  
box-shadow:4px 4px 4px 4px rgb(146, 226,  
149) }
```


Background

The CSS property to change the background color of an element to Yxy 62.6736, 0.3060, 0.4312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 226, 149) }
```

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

```
.background{ background-color: rgb(146,  
226, 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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