

Converting Colors

Yxy(62.1141, 0.3015, 0.4351)

Have a look what the booklet for
Yxy(62.1141, 0.3015, 0.4351)
contains.

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Color

Yxy(61.9341, 0.3016, 0.4341)

Conversions

Conversions Part 1

Format	Color
Hex	8AE294
RGB	138, 226, 148
RGB Percent	54%, 89%, 58%
CMY	0.4586, 0.1137, 0.4196
CMYK	0.39, 0.00, 0.35, 0.11
HSL	127°, 60%, 71%
HSV	127°, 39%, 89%
XYZ	43.0300, 61.9341, 37.7083
YIQ	190.7960, -27.4100, -42.9140

Conversions

Conversions Part 2

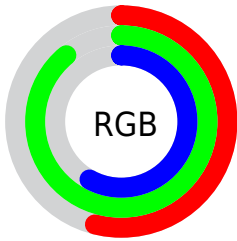
Format	Color
RYB	138, 217, 226
Decimal	9101972
CIELab	82.88, -42.27, 30.03
CIELCh	83, 51.854, 144.611
Yxy	61.9341, 0.3016, 0.4341
Android (android.graphics.Color)	4287292052 (0xFF8AE294)
YUV	190.7960, -21.0984, -46.3021
Hunter-Lab	78.6982, -40.1230, 26.6799

Details

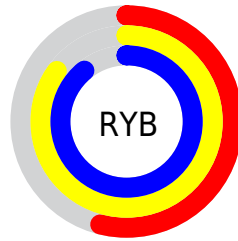
The Yxy color **61.9341, 0.3016, 0.4341** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **39.3199, 0.3263, 0.2428**, and the grayscale version is **52.1208, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.3011, 0.3046, 0.3866**, and **31.4330, 0.2968, 0.4652** is the 20% darker color. If you saturate the color by 10%, you get **59.6238, 0.2992, 0.4667**, and if you desaturate by 10%, it is **64.7605, 0.3044, 0.4031**.

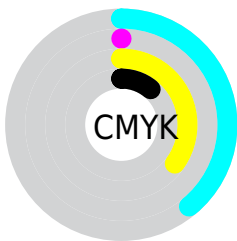
Distribution



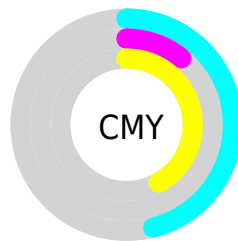
- Red (54%)
- Green (89%)
- Blue (58%)



- Red (54%)
- Yellow (85%)
- Blue (89%)



- Cyan (39%)
- Magenta (0%)
- Yellow (35%)
- Black (11%)




- Cyan (46%)
- Magenta (11%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.9341, 0.3016, 0.4341 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 61.9341, 0.3016, 0.4341 by changing the saturation by 10% instead.

 61.9341, 0.3016,
0.4341


 61.9341, 0.3016,
0.4341


431.6907, 0.3086,
0.3810


 44.9795, 0.2994,
0.4474

 107.6303, 0.3045,
0.4148

 31.4412, 0.2964,
0.4644


 137.1406, 0.3055,
0.4075

 20.9351, 0.2919,
0.4869


 171.6049, 0.3063,
0.4014

 13.0766, 0.2850,
0.5180

211.4077, 0.3069,
0.3961

 7.4813, 0.2734,
0.5631

256.9332, 0.3074,
0.3916

 3.7649, 0.2527,
0.6360

308.5660, 0.3079,

 1.5429, 0.1732,

0.3876

0.8268

366.6903, 0.3083,
0.3841

0.3187, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

61.9341, 0.3016,
0.4341

61.9341, 0.3016,
0.4341

59.6238, 0.2992,
0.4667

64.7605, 0.3044,
0.4031

57.7912, 0.2973,
0.4995


68.1235, 0.3073,
0.3747

56.4047, 0.2962,
0.5304


72.0516, 0.3102,
0.3492


55.4259, 0.2960,
0.5573


76.5693, 0.3130,
0.3267

 54.8096, 0.2967,
0.5781

 81.6996, 0.3157,
0.3071

 54.4889, 0.2979,
0.5918

 82.8703, 0.3140,
0.3009

 54.4631, 0.2980,
0.5929

Harmonies

Analogous

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



61.9341, 0.3654, 0.4493



61.9341, 0.3016, 0.4341



61.9341, 0.2441, 0.3783

Triad

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



61.9341, 0.3016, 0.4341



61.9341, 0.2123, 0.2312



61.9341, 0.4301, 0.3303

Complementary

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



61.9341, 0.3016, 0.4341



39.3199, 0.3263, 0.2428

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.



61.9341, 0.3801, 0.2838



61.9341, 0.3016, 0.4341



61.9341, 0.2524, 0.2290

Square

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



61.9341, 0.3016, 0.4341



61.9341, 0.1968, 0.2578



61.9341, 0.3129, 0.2479



61.9341, 0.4435, 0.3804

Rectangle

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



61.9341, 0.3016, 0.4341



61.9341, 0.2167, 0.3320



61.9341, 0.3129, 0.2479



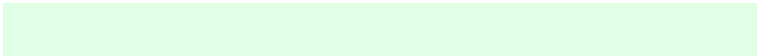
61.9341, 0.4168, 0.3141

Sweetspot

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



61.9367, 0.3016, 0.4341



93.0253, 0.3093, 0.3569



71.0094, 0.3641, 0.4276



19.7634, 0.3089, 0.3602



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.



61.9367, 0.3016, 0.4341



78.8445, 0.2995, 0.4614



63.5517, 0.2775, 0.3747



15.3624, 0.3100, 0.3504



31.0813, 0.2976, 0.5914



2.1629, 0.2921, 0.5714

Inverse Universe

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



39.3199, 0.3263, 0.2428



45.0062, 0.3299, 0.2254



37.3863, 0.3701, 0.2881



13.9075, 0.3155, 0.3085



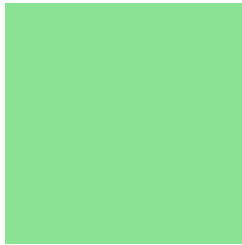
11.6253, 0.3516, 0.1710



0.8135, 0.3462, 0.1681

Previews

White Background



This preview shows how the Yxy color 61.9341, 0.3016, 0.4341 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 61.9341, 0.3016, 0.4341 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 61.9341, 0.3016, 0.4341

Background



This preview shows how black text looks on a background with the Yxy color 61.9341, 0.3016, 0.4341.



This preview shows how white text looks on a background with the Yxy color 61.9341, 0.3016, 0.4341.

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

61.9341, 0.3016, 0.4341

Protanopia

61.0563, 0.3752, 0.4046

Deuteranopia

61.1428, 0.3838, 0.3759



Tritanopia

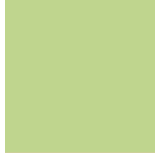
61.9635, 0.2626, 0.3083

Trichromacy



Original Color

61.9341, 0.3016, 0.4341



Protanomaly

60.6179, 0.3449, 0.4168



Deuteranomaly

60.2161, 0.3498, 0.3965



Tritanomaly

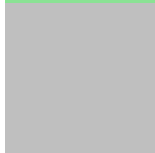
61.8402, 0.2768, 0.3519

Monochromacy



Original Color

61.9341, 0.3016, 0.4341



Achromatopsia

52.0996, 0.3127, 0.3290



Achromatomaly

55.0515, 0.3087, 0.3667

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.9341, 0.3016, 0.4341 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(138, 226, 148)` looks like.

```
.text, #text, p{  
    color:rgb(138, 226, 148)  
}
```

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(138, 226, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 226, 148) }
```

Border

The CSS property to change the border of an element to Yxy 61.9341, 0.3016, 0.4341 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(138, 226, 148) }
```

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

```
.border{ border-color:rgb(138, 226, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 226, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 226, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 226, 148);  
box-shadow:4px 4px 4px 4px rgb(138, 226,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 61.9341, 0.3016, 0.4341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 226, 148) }
```

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

```
.background{ background-color: rgb(138,  
226, 148) }
```

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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