

Converting Colors

$Yxy(60.2134, 0.3025, 0.4016)$

Have a look what the booklet for
Yxy(60.2134, 0.3025, 0.4016)
contains.

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Color

Yxy(60.2134, 0.3025, 0.4016)

Conversions

Conversions Part 1

Format	Color
Hex	9ADBA4
RGB	154, 219, 164
RGB Percent	60%, 86%, 64%
CMY	0.3962, 0.1411, 0.3568
CMYK	0.30, 0.00, 0.25, 0.14
HSL	129°, 47%, 73%
HSV	129°, 30%, 86%
XYZ	45.3550, 60.2134, 44.3654
YIQ	193.2950, -21.0850, -30.8850

Conversions

Conversions Part 2

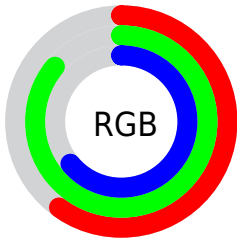
Format	Color
RYB	154, 210, 219
Decimal	10148772
CIELab	81.95, -31.50, 20.61
CIELCh	82, 37.642, 146.794
Yxy	60.2134, 0.3025, 0.4016
Android (android.graphics.Color)	4288338852 (0xFF9ADBA4)
YUV	193.2950, -14.4424, -34.4617
Hunter-Lab	77.5973, -31.4635, 20.4197

Details

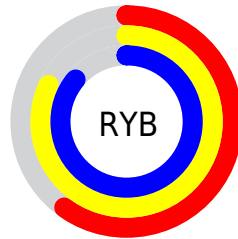
The Yxy color **60.2134, 0.3025, 0.4016** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **42.7610, 0.3250, 0.2659**, and the grayscale version is **53.6047, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.3361, 0.3054, 0.3673**, and **30.4875, 0.2990, 0.4227** is the 20% darker color. If you saturate the color by 10%, you get **57.6390, 0.2993, 0.4312**, and if you desaturate by 10%, it is **63.2822, 0.3059, 0.3744**.

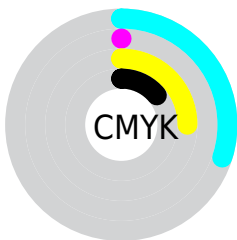
Distribution



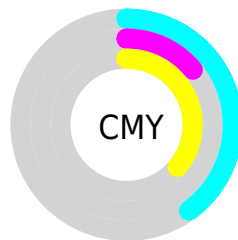
- Red (60%)
- Green (86%)
- Blue (64%)



- Red (60%)
- Yellow (82%)
- Blue (86%)



- Cyan (30%)
- Magenta (0%)
- Yellow (25%)
- Black (14%)




- Cyan (40%)
- Magenta (14%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.2134, 0.3025, 0.4016 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 60.2134, 0.3025, 0.4016 by changing the saturation by 10% instead.


 60.2134, 0.3025,
0.4016


 60.2134, 0.3025,
0.4016


425.3839, 0.3082,
0.3653

 43.5907, 0.3009,
0.4107


 105.1392, 0.3047,
0.3884

 30.3488, 0.2987,
0.4223


 134.2110, 0.3055,
0.3834

 20.1035, 0.2957,
0.4376


168.2013, 0.3062,
0.3792

 12.4703, 0.2912,
0.4590

207.4945, 0.3067,
0.3756

 7.0648, 0.2838,
0.4903

252.4749, 0.3072,
0.3725

 3.5027, 0.2704,
0.5404

303.5271, 0.3076,

 1.3995, 0.2589,

0.3698

0.7411

361.0353, 0.3079,
0.3674

■ 0.2163, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 60.2134, 0.3025,
0.4016

■ 60.2134, 0.3025,
0.4016

■ 57.6390, 0.2993,
0.4312

■ 63.2822, 0.3059,
0.3744

■ 55.5260, 0.2966,
0.4625

■ 66.8615, 0.3094,
0.3500

■ 53.8489, 0.2947,
0.4941

■ 70.9760, 0.3128,
0.3284

■ 52.5769, 0.2936,
0.5242

■ 75.6464, 0.3161,
0.3096

■ 51.6749, 0.2937,
0.5510

■ 79.1484, 0.3144,
0.2940

■ 51.1019, 0.2949,
0.5725

■ 50.7906, 0.2966,
0.5877

■ 50.7832, 0.2967,
0.5880

Harmonies

Analogous

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



60.2134, 0.3502, 0.4167



60.2134, 0.3025, 0.4016



60.2134, 0.2597, 0.3614

Triad

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



60.2134, 0.3025, 0.4016



60.2134, 0.2385, 0.2547



60.2134, 0.4002, 0.3346

Complementary

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



60.2134, 0.3025, 0.4016



42.7610, 0.3250, 0.2659

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.



60.2134, 0.3656, 0.2978



60.2134, 0.3025, 0.4016



60.2134, 0.2711, 0.2534

Square

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



60.2134, 0.3025, 0.4016



60.2134, 0.2249, 0.2750



60.2134, 0.3173, 0.2690



60.2134, 0.4088, 0.3727

Rectangle

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



60.2134, 0.3025, 0.4016



60.2134, 0.2392, 0.3289



60.2134, 0.3173, 0.2690



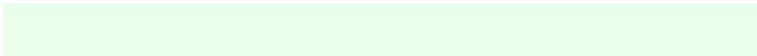
60.2134, 0.3911, 0.3219

Sweetspot

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



60.2159, 0.3025, 0.4016



94.7171, 0.3096, 0.3485



66.5924, 0.3497, 0.4048



20.1032, 0.3091, 0.3519



0.0000, 0.0000, 0.0000



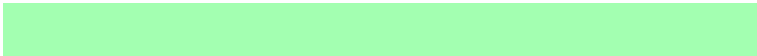
21.4041, 0.3127, 0.3290

Same Dimension

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



60.2159, 0.3025, 0.4016



82.5181, 0.3004, 0.4209



61.5313, 0.2831, 0.3580



14.6389, 0.3095, 0.3494



30.1191, 0.2962, 0.5863



1.9618, 0.2889, 0.5600

Inverse Universe

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



42.7610, 0.3250, 0.2659



53.8642, 0.3284, 0.2519



41.3237, 0.3556, 0.3019



13.2384, 0.3161, 0.3095



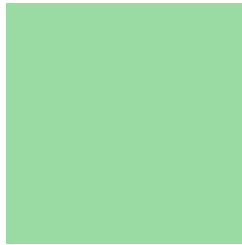
11.0230, 0.3641, 0.1780



0.7237, 0.3560, 0.1735

Previews

White Background



This preview shows how the Yxy color 60.2134, 0.3025, 0.4016 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 60.2134, 0.3025, 0.4016 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 60.2134, 0.3025, 0.4016

Background



This preview shows how black text looks on a background with the Yxy color 60.2134, 0.3025, 0.4016.



This preview shows how white text looks on a background with the Yxy color 60.2134, 0.3025, 0.4016.

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

60.2134, 0.3025, 0.4016

Protanopia

59.8639, 0.3590, 0.3840

Deuteranopia

59.3872, 0.3656, 0.3582



Tritanopia

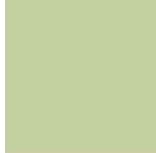
60.2416, 0.2717, 0.3095

Trichromacy



Original Color

60.2134, 0.3025, 0.4016



Protanomaly

59.5735, 0.3365, 0.3907



Deuteranomaly

58.9549, 0.3406, 0.3736



Tritanomaly

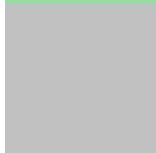
60.1342, 0.2831, 0.3415

Monochromacy



Original Color

60.2134, 0.3025, 0.4016



Achromatopsia

53.3276, 0.3127, 0.3290



Achromatomaly

55.2022, 0.3092, 0.3545

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.2134, 0.3025, 0.4016 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(154, 219, 164)` looks like.

```
.text, #text, p{  
    color:rgb(154, 219, 164)  
}
```

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(154, 219, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 219, 164) }
```

Border

The CSS property to change the border of an element to Yxy 60.2134, 0.3025, 0.4016 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(154, 219, 164) }
```

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

```
.border{ border-color:rgb(154, 219, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 219, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 219, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 219, 164);  
box-shadow:4px 4px 4px 4px rgb(154, 219,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 60.2134, 0.3025, 0.4016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 219, 164) }
```

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

```
.background{ background-color: rgb(154,  
219, 164) }
```

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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