

Converting Colors

$Yxy(60.3166, 0.3080, 0.4125)$

Have a look what the booklet for
Yxy(60.3166, 0.3080, 0.4125)
contains.

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Color

Yxy(60.0319, 0.3081, 0.4124)

Conversions

Conversions Part 1

Format	Color
Hex	9BDB9C
RGB	155, 219, 156
RGB Percent	61%, 86%, 61%
CMY	0.3922, 0.1412, 0.3881
CMYK	0.29, 0.00, 0.29, 0.14
HSL	121°, 47%, 73%
HSV	121°, 29%, 86%
XYZ	44.8492, 60.0319, 40.6860
YIQ	192.6820, -17.9210, -33.1610

Conversions

Conversions Part 2

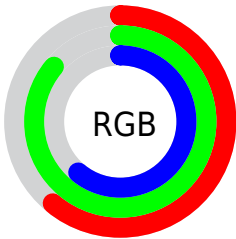
Format	Color
RYB	155, 218, 219
Decimal	10214300
CIELab	81.86, -32.53, 24.66
CIElCh	82, 40.821, 142.832
Yxy	60.0319, 0.3081, 0.4124
Android (android.graphics.Color)	4288404380 (0xFF9BDB9C)
YUV	192.6820, -18.0842, -33.0471
Hunter-Lab	77.4803, -32.2662, 23.1021

Details

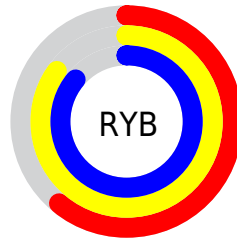
The Yxy color **60.0319, 0.3081, 0.4124** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **43.5593, 0.3170, 0.2577**, and the grayscale version is **53.2486, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.0720, 0.3105, 0.3760**, and **30.3752, 0.3059, 0.4373** is the 20% darker color. If you saturate the color by 10%, you get **57.3943, 0.3063, 0.4467**, and if you desaturate by 10%, it is **63.1970, 0.3098, 0.3807**.

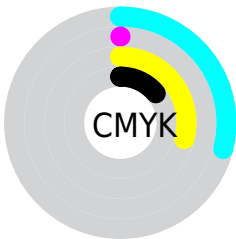
Distribution



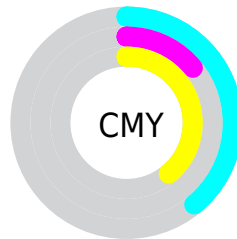
- Red (61%)
- Green (86%)
- Blue (61%)



- Red (61%)
- Yellow (85%)
- Blue (86%)



- Cyan (29%)
- Magenta (0%)
- Yellow (29%)
- Black (14%)





- Cyan (39%)
- Magenta (14%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.0319, 0.3081, 0.4124 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 60.0319, 0.3081, 0.4124 by changing the saturation by 10% instead.


 60.0319, 0.3081,
0.4124

 60.0319, 0.3081,
0.4124


424.7153, 0.3114,
0.3705

 43.4443, 0.3070,
0.4229


 104.8759, 0.3095,
0.3972

 30.2339, 0.3054,
0.4363


 133.9012, 0.3100,
0.3914

 20.0162, 0.3030,
0.4540

167.8412, 0.3104,
0.3866

 12.4068, 0.2991,
0.4786

207.0803, 0.3106,
0.3825

 7.0214, 0.2923,
0.5146

252.0028, 0.3109,
0.3789

 3.4755, 0.2788,
0.5715

302.9933, 0.3111,

 1.3847, 0.2467,

0.3757

0.7533

360.4360, 0.3113,
0.3730

■ 0.2054, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 60.0319, 0.3081,
0.4124

■ 60.0319, 0.3081,
0.4124

■ 57.3943, 0.3063,
0.4467

■ 63.1970, 0.3098,
0.3807

■ 55.2484, 0.3045,
0.4822

■ 66.9080, 0.3114,
0.3522

■ 53.5661, 0.3029,
0.5169

■ 71.1917, 0.3128,
0.3272

■ 52.3132, 0.3015,
0.5481

■ 76.0709, 0.3141,
0.3055

■ 51.4509, 0.3005,
0.5732

■ 79.1461, 0.3144,
0.2940

■ 50.9332, 0.3000,
0.5901

■ 50.6884, 0.2998,
0.5987

■ 50.6739, 0.2998,
0.5992

Harmonies

Analogous

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



60.0319, 0.3593, 0.4241



60.0319, 0.3081, 0.4124



60.0319, 0.2605, 0.3710

Triad

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



60.0319, 0.3081, 0.4124



60.0319, 0.2295, 0.2505



60.0319, 0.4042, 0.3291

Complementary

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



60.0319, 0.3081, 0.4124



43.5593, 0.3170, 0.2577

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.



60.0319, 0.3636, 0.2905



60.0319, 0.3081, 0.4124



60.0319, 0.2619, 0.2467

Square

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



60.0319, 0.3081, 0.4124



60.0319, 0.2179, 0.2746



60.0319, 0.3103, 0.2613



60.0319, 0.4175, 0.3704

Rectangle

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



60.0319, 0.3081, 0.4124



60.0319, 0.2369, 0.3356



60.0319, 0.3103, 0.2613



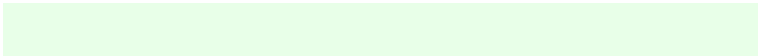
60.0319, 0.3932, 0.3156

Sweetspot

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



60.0344, 0.3081, 0.4124



94.5344, 0.3114, 0.3518



68.0932, 0.3567, 0.4017



20.0587, 0.3112, 0.3558



0.0000, 0.0000, 0.0000



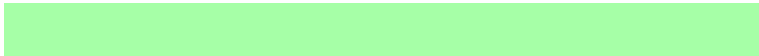
21.4041, 0.3127, 0.3290

Same Dimension

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



60.0344, 0.3081, 0.4124



82.3973, 0.3070, 0.4330



61.2210, 0.2892, 0.3703



14.6097, 0.3114, 0.3528



30.0469, 0.2997, 0.5989



1.9478, 0.2988, 0.5955

Inverse Universe

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



43.5593, 0.3170, 0.2577



55.5687, 0.3179, 0.2432



42.0868, 0.3454, 0.2913



13.2710, 0.3140, 0.3063



11.8545, 0.3250, 0.1564



0.7692, 0.3243, 0.1560

Previews

White Background



This preview shows how the Yxy color 60.0319, 0.3081, 0.4124 looks on a white background.

Color Contrast Check

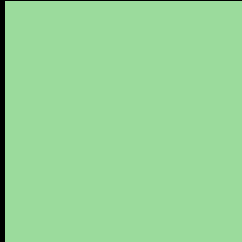
Large Text (above 18pt) WCAG AA × Fail

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 60.0319, 0.3081, 0.4124 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

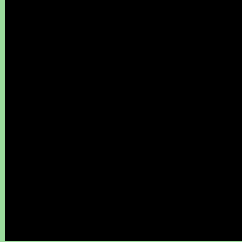
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.0319, 0.3081, 0.4124

Background



This preview shows how black text looks on a background with the Yxy color 60.0319, 0.3081, 0.4124.



This preview shows how white text looks on a background with the Yxy color 60.0319, 0.3081, 0.4124.

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

60.0319, 0.3081, 0.4124

Protanopia

59.3164, 0.3655, 0.3909

Deuteranopia

59.4363, 0.3738, 0.3669



Tritanopia

59.9641, 0.2728, 0.3083

Trichromacy



Original Color

60.0319, 0.3081, 0.4124



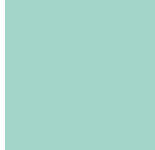
Protanomaly

58.9809, 0.3425, 0.3982



Deuteranomaly

58.9543, 0.3482, 0.3831



Tritanomaly

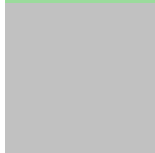
59.5921, 0.2855, 0.3441

Monochromacy



Original Color

60.0319, 0.3081, 0.4124



Achromatopsia

53.3276, 0.3127, 0.3290



Achromatomaly

55.1201, 0.3106, 0.3571

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.0319, 0.3081, 0.4124 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(155, 219, 156)` looks like.

```
.text, #text, p{  
    color:rgb(155, 219, 156)  
}
```

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(155, 219, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 219, 156) }
```

Border

The CSS property to change the border of an element to Yxy 60.0319, 0.3081, 0.4124 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(155, 219, 156) }
```

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

```
.border{ border-color:rgb(155, 219, 156) }
```

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

Here you see how a box with a 4 pixel rgb(155, 219, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 219, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 219, 156);  
box-shadow:4px 4px 4px 4px rgb(155, 219,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 60.0319, 0.3081, 0.4124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 219, 156) }
```

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

```
.background{ background-color: rgb(155,  
219, 156) }
```

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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