

Converting Colors

Yxy(64.3139, 0.3189, 0.4213)

Have a look what the booklet for
Yxy(64.3139, 0.3189, 0.4213)
contains.

Yxy(64.4423, 0.3191, 0.4219)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(64.4423, 0.3191, 0.4219)

Conversions

Conversions Part 1

Format	Color
Hex	A8E198
RGB	168, 225, 152
RGB Percent	66%, 88%, 60%
CMY	0.3411, 0.1176, 0.4041
CMYK	0.25, 0.00, 0.32, 0.12
HSL	107°, 55%, 74%
HSV	107°, 32%, 88%
XYZ	48.7403, 64.4423, 39.5605
YIQ	199.6350, -10.5390, -34.7870

Conversions

Conversions Part 2

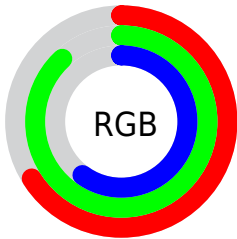
Format	Color
RYB	152, 225, 209
Decimal	11067800
CIELab	84.20, -31.67, 30.04
CIElCh	84, 43.648, 136.514
Yxy	64.4423, 0.3191, 0.4219
Android (android.graphics.Color)	4289257880 (0xFFA8E198)
YUV	199.6350, -23.4841, -27.7439
Hunter-Lab	80.2760, -32.1050, 26.9747

Details

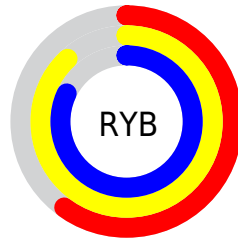
The Yxy color **64.4423, 0.3191, 0.4219** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **41.4322, 0.3022, 0.2451**, and the grayscale version is **57.6754, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.8723, 0.3209, 0.3792**, and **32.8734, 0.3189, 0.4475** is the 20% darker color. If you saturate the color by 10%, you get **61.9776, 0.3201, 0.4552**, and if you desaturate by 10%, it is **67.3126, 0.3175, 0.3903**.

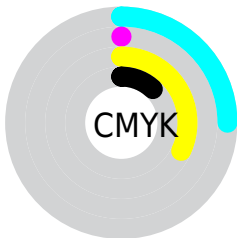
Distribution



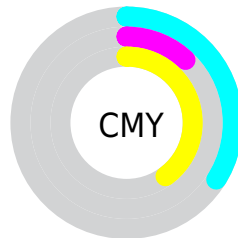
- Red (66%)
- Green (88%)
- Blue (60%)



- Red (60%)
- Yellow (88%)
- Blue (82%)



- Cyan (25%)
- Magenta (0%)
- Yellow (32%)
- Black (12%)





- Cyan (34%)
- Magenta (12%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.4423, 0.3191, 0.4219 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 64.4423, 0.3191, 0.4219 by changing the saturation by 10% instead.


 64.4423, 0.3191,
0.4219

 64.4423, 0.3191,
0.4219


440.7851, 0.3174,
0.3758

 47.0090, 0.3191,
0.4332


 111.2477, 0.3188,
0.4053

 33.0428, 0.3188,
0.4475


 141.3885, 0.3186,
0.3990

 22.1592, 0.3181,
0.4662


176.5341, 0.3184,
0.3937

 13.9739, 0.3162,
0.4917

217.0686, 0.3182,
0.3891

 8.1025, 0.3121,
0.5279

263.3766, 0.3180,
0.3851

 4.1606, 0.3025,
0.5831

315.8424, 0.3178,

 1.7638, 0.2901,

0.3817

0.7099

374.8505, 0.3176,
0.3786

0.4645, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

64.4423, 0.3191,
0.4219

64.4423, 0.3191,
0.4219

61.9776, 0.3201,
0.4552

67.3126, 0.3175,
0.3903

59.8919, 0.3202,
0.4888

70.5973, 0.3155,
0.3612

58.1682, 0.3194,
0.5209

74.3152, 0.3133,
0.3350

56.7849, 0.3174,
0.5493

78.4815, 0.3110,
0.3117

■ 55.7178, 0.3143,
0.5718

■ 82.3332, 0.3141,
0.2999

■ 54.9392, 0.3104,
0.5870

■ 54.5167, 0.3075,
0.5941

Harmonies

Analogous

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



64.4423, 0.3714, 0.4265



64.4423, 0.3191, 0.4219



64.4423, 0.2676, 0.3840

Triad

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



64.4423, 0.3191, 0.4219



64.4423, 0.2218, 0.2507



64.4423, 0.4014, 0.3200

Complementary

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



64.4423, 0.3191, 0.4219



41.4322, 0.3022, 0.2451

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.



64.4423, 0.3545, 0.2815



64.4423, 0.3191, 0.4219



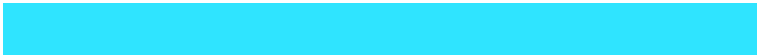
64.4423, 0.2510, 0.2426

Square

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



64.4423, 0.3191, 0.4219



64.4423, 0.2145, 0.2801



64.4423, 0.2986, 0.2540



64.4423, 0.4220, 0.3628

Rectangle

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



64.4423, 0.3191, 0.4219



64.4423, 0.2405, 0.3476



64.4423, 0.2986, 0.2540



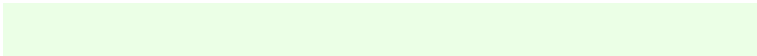
64.4423, 0.3880, 0.3063

Sweetspot

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



64.4451, 0.3191, 0.4219



94.8845, 0.3150, 0.3547



63.3680, 0.3671, 0.3925



20.1655, 0.3153, 0.3585



0.0000, 0.0000, 0.0000



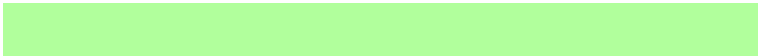
21.4041, 0.3127, 0.3290

Same Dimension

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



64.4451, 0.3191, 0.4219



83.2985, 0.3198, 0.4445



63.4827, 0.2968, 0.3986



15.4816, 0.3149, 0.3530



31.4555, 0.3083, 0.5934



2.2196, 0.3187, 0.5852

Inverse Universe

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



41.4322, 0.3022, 0.2451



48.1961, 0.2992, 0.2270



42.8876, 0.3339, 0.2684



13.7758, 0.3103, 0.3057



8.4766, 0.2661, 0.1239



0.6256, 0.2749, 0.1288

Previews

White Background



This preview shows how the Yxy color 64.4423, 0.3191, 0.4219 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 64.4423, 0.3191, 0.4219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

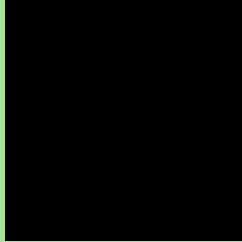
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 64.4423, 0.3191, 0.4219

Background



This preview shows how black text looks on a background with the Yxy color 64.4423, 0.3191, 0.4219.



This preview shows how white text looks on a background with the Yxy color 64.4423, 0.3191, 0.4219.

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

64.4423, 0.3191, 0.4219

Protanopia

63.8140, 0.3726, 0.4012

Deuteranopia

63.9818, 0.3840, 0.3761



Tritanopia

64.2508, 0.2787, 0.3091

Trichromacy



Original Color

64.4423, 0.3191, 0.4219



Protanomaly

63.7181, 0.3515, 0.4085



Deuteranomaly

63.3652, 0.3585, 0.3925



Tritanomaly

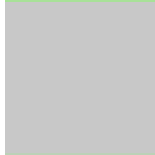
64.2049, 0.2931, 0.3484

Monochromacy



Original Color

64.4423, 0.3191, 0.4219



Achromatopsia

57.7580, 0.3127, 0.3290



Achromatomaly

59.7112, 0.3150, 0.3611

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.4423, 0.3191, 0.4219 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(168, 225, 152)` looks like.

```
.text, #text, p{  
    color:rgb(168, 225, 152)  
}
```

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(168, 225, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 225, 152) }
```

Border

The CSS property to change the border of an element to Yxy 64.4423, 0.3191, 0.4219 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(168, 225, 152) }
```

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

```
.border{ border-color:rgb(168, 225, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 225, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 225, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 225, 152);  
box-shadow:4px 4px 4px 4px rgb(168, 225,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 64.4423, 0.3191, 0.4219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 225, 152) }
```

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

```
.background{ background-color: rgb(168,  
225, 152) }
```

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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