

Converting Colors

Yxy(59.4423, 0.3208, 0.4400)

Have a look what the booklet for
Yxy(59.4423, 0.3208, 0.4400)
contains.

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Color

Yxy(59.4092, 0.3203, 0.4395)

Conversions

Conversions Part 1

Format	Color
Hex	9BDB88
RGB	155, 219, 136
RGB Percent	61%, 86%, 53%
CMY	0.3920, 0.1412, 0.4667
CMYK	0.29, 0.00, 0.38, 0.14
HSL	106°, 54%, 70%
HSV	106°, 38%, 86%
XYZ	43.2964, 59.4092, 32.4689
YIQ	190.4020, -11.5010, -39.3810

Conversions

Conversions Part 2

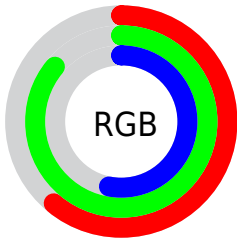
Format	Color
RYB	136, 219, 200
Decimal	10214280
CIELab	81.52, -35.61, 34.51
CIElCh	82, 49.591, 135.897
Yxy	59.4092, 0.3203, 0.4395
Android (android.graphics.Color)	4288404360 (0xFF9BDB88)
YUV	190.4020, -26.8202, -31.0476
Hunter-Lab	77.0774, -34.6172, 28.9782

Details

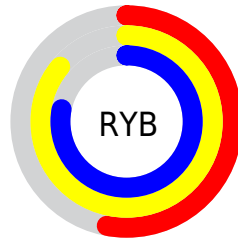
The Yxy color **59.4092, 0.3203, 0.4395** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **34.9886, 0.2991, 0.2306**, and the grayscale version is **51.9031, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.0866, 0.3223, 0.3993**, and **29.9735, 0.3191, 0.4715** is the 20% darker color. If you saturate the color by 10%, you get **57.2965, 0.3210, 0.4730**, and if you desaturate by 10%, it is **61.8875, 0.3189, 0.4070**.

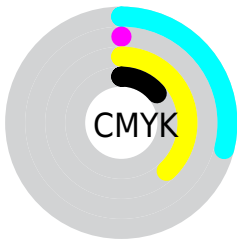
Distribution



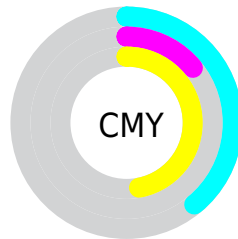
- Red (61%)
- Green (86%)
- Blue (53%)



- Red (53%)
- Yellow (86%)
- Blue (78%)



- Cyan (29%)
- Magenta (0%)
- Yellow (38%)
- Black (14%)





- Cyan (39%)
- Magenta (14%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.4092, 0.3203, 0.4395 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 59.4092, 0.3203, 0.4395 by changing the saturation by 10% instead.

 59.4092, 0.3203,
0.4395

 59.4092, 0.3203,
0.4395


422.4167, 0.3186,
0.3837

 42.9426, 0.3201,
0.4534


 103.9722, 0.3202,
0.4192

 29.8401, 0.3194,
0.4712


 132.8373, 0.3200,
0.4116

 19.7172, 0.3178,
0.4946


 166.6041, 0.3197,
0.4051

 12.1897, 0.3144,
0.5267

205.6570, 0.3195,
0.3996

 6.8730, 0.3068,
0.5724

250.3803, 0.3193,
0.3948

 3.3828, 0.2996,
0.6649

301.1584, 0.3190,

 1.3347, 0.2042,

0.3906

0.7958

358.3757, 0.3188,
0.3870

0.1678, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

59.4092, 0.3203,
0.4395

59.4092, 0.3203,
0.4395

57.2965, 0.3210,
0.4730

61.8875, 0.3189,
0.4070

55.5244, 0.3207,
0.5059

64.7399, 0.3169,
0.3766

54.0764, 0.3193,
0.5362


67.9843, 0.3146,
0.3489

52.9317, 0.3167,
0.5615

71.6349, 0.3122,
0.3241

 52.0666, 0.3131,
0.5802

 75.7054, 0.3097,
0.3021

 51.4515, 0.3089,
0.5916

 79.1429, 0.3144,
0.2940

 51.3477, 0.3082,
0.5935

Harmonies

Analogous

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



59.4092, 0.3808, 0.4422



59.4092, 0.3203, 0.4395



59.4092, 0.2608, 0.3952

Triad

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



59.4092, 0.3203, 0.4395



59.4092, 0.2080, 0.2388



59.4092, 0.4155, 0.3167

Complementary

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



59.4092, 0.3203, 0.4395



34.9886, 0.2991, 0.2306

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.



59.4092, 0.3598, 0.2735



59.4092, 0.3203, 0.4395



59.4092, 0.2404, 0.2299

Square

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



59.4092, 0.3203, 0.4395



59.4092, 0.2001, 0.2723



59.4092, 0.2945, 0.2427



59.4092, 0.4399, 0.3653

Rectangle

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



59.4092, 0.3203, 0.4395



59.4092, 0.2298, 0.3516



59.4092, 0.2945, 0.2427



59.4092, 0.3995, 0.3013

Sweetspot

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



59.4117, 0.3203, 0.4395



94.4523, 0.3154, 0.3574



57.9735, 0.3770, 0.4031



20.0808, 0.3157, 0.3611



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.



59.4117, 0.3203, 0.4395



81.5914, 0.3209, 0.4645



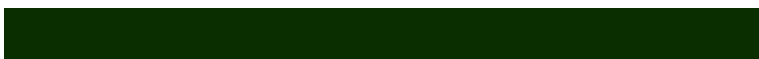
58.3680, 0.2944, 0.4125



14.7497, 0.3150, 0.3529



30.4879, 0.3090, 0.5929



2.0142, 0.3203, 0.5839

Inverse Universe

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



34.9886, 0.2991, 0.2306



42.6519, 0.2954, 0.2111



36.6872, 0.3384, 0.2583



13.1164, 0.3101, 0.3057



8.0683, 0.2637, 0.1226



0.5602, 0.2735, 0.1280

Previews

White Background



This preview shows how the Yxy color 59.4092, 0.3203, 0.4395 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 59.4092, 0.3203, 0.4395 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

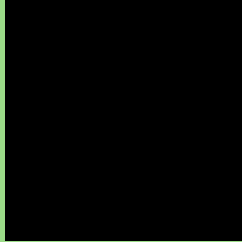
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.4092, 0.3203, 0.4395

Background



This preview shows how black text looks on a background with the Yxy color 59.4092, 0.3203, 0.4395.



This preview shows how white text looks on a background with the Yxy color 59.4092, 0.3203, 0.4395.

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

59.4092, 0.3203, 0.4395

Protanopia

59.0417, 0.3820, 0.4131

Deuteranopia

58.6182, 0.3933, 0.3850



Tritanopia

59.0940, 0.2751, 0.3083

Trichromacy



Original Color

59.4092, 0.3203, 0.4395

Protanomaly

58.5135, 0.3573, 0.4224

Deuteranomaly

57.6898, 0.3646, 0.4033

Tritanomaly

58.9366, 0.2917, 0.3532

Monochromacy



Original Color

59.4092, 0.3203, 0.4395

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

54.0227, 0.3163, 0.3692

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.4092, 0.3203, 0.4395 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, 136)` looks like.

```
.text, #text, p{  
    color:rgb(155, 219, 136)  
}
```

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, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 219, 136) }
```

Border

The CSS property to change the border of an element to Yxy 59.4092, 0.3203, 0.4395 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, 136) }
```

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

```
.border{ border-color:rgb(155, 219, 136) }
```

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, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 219, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 219, 136);  
box-shadow:4px 4px 4px 4px rgb(155, 219,  
136) }
```


Background

The CSS property to change the background color of an element to Yxy 59.4092, 0.3203, 0.4395 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, 136) }
```

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

```
.background{ background-color: rgb(155,  
219, 136) }
```

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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