

Converting Colors

Yxy(59.1110, 0.3128, 0.4420)

Have a look what the booklet for
Yxy(59.1110, 0.3128, 0.4420)
contains.

Yxy(59.0123, 0.3126, 0.4415)	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(59.0123, 0.3126, 0.4415)

Conversions

Conversions Part 1

Format	Color
Hex	91DC89
RGB	145, 220, 137
RGB Percent	57%, 86%, 54%
CMY	0.4315, 0.1372, 0.4626
CMYK	0.34, 0.00, 0.38, 0.14
HSL	114°, 54%, 70%
HSV	114°, 38%, 86%
XYZ	41.7831, 59.0123, 32.8678
YIQ	188.1130, -18.0570, -41.7130

Conversions

Conversions Part 2

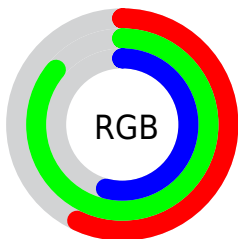
Format	Color
RYB	137, 220, 212
Decimal	9559177
CIELab	81.30, -39.21, 33.59
CIELCh	81, 51.631, 139.411
Yxy	59.0123, 0.3126, 0.4415
Android (android.graphics.Color)	4287749257 (0xFF91DC89)
YUV	188.1130, -25.1987, -37.8101
Hunter-Lab	76.8195, -37.3456, 28.4060

Details

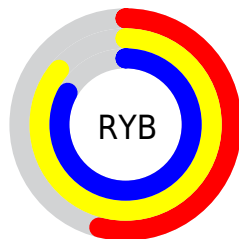
The Yxy color **59.0123, 0.3126, 0.4415** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **37.0778, 0.3096, 0.2341**, and the grayscale version is **50.5094, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.6991, 0.3155, 0.3995**, and **29.4470, 0.3099, 0.4735** is the 20% darker color. If you saturate the color by 10%, you get **56.7947, 0.3118, 0.4765**, and if you desaturate by 10%, it is **61.6802, 0.3130, 0.4078**.

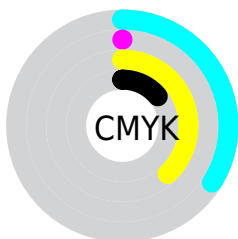
Distribution



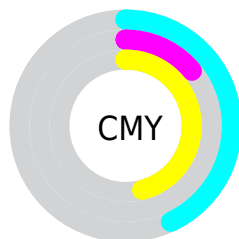
- Red (57%)
- Green (86%)
- Blue (54%)



- Red (54%)
- Yellow (86%)
- Blue (83%)



- Cyan (34%)
- Magenta (0%)
- Yellow (38%)
- Black (14%)





- Cyan (43%)
- Magenta (14%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.0123, 0.3126, 0.4415 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 59.0123, 0.3126, 0.4415 by changing the saturation by 10% instead.

 59.0123, 0.3126,
0.4415


 59.0123, 0.3126,
0.4415


420.9475, 0.3146,
0.3844

 42.6230, 0.3115,
0.4559


 103.3955, 0.3138,
0.4206

 29.5894, 0.3096,
0.4743


 132.1583, 0.3141,
0.4128

 19.5272, 0.3066,
0.4987


 165.8143, 0.3143,
0.4062

 12.0518, 0.3012,
0.5322

204.7480, 0.3145,
0.4006

 6.7790, 0.2908,
0.5806

249.3438, 0.3145,
0.3957

 3.3243, 0.2782,
0.6772

299.9860, 0.3146,

 1.3033, 0.1510,

0.3914

0.8490

357.0591, 0.3146,
0.3877

■ 0.1437, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 59.0123, 0.3126,
0.4415

■ 59.0123, 0.3126,
0.4415

■ 56.7947, 0.3118,
0.4765

■ 61.6802, 0.3130,
0.4078

■ 54.9954, 0.3105,
0.5110

■ 64.8134, 0.3131,
0.3766

■ 53.5904, 0.3088,
0.5424

■ 68.4354, 0.3130,
0.3485

■ 52.5496, 0.3067,
0.5683

■ 72.5659, 0.3126,
0.3236

■ 51.8390, 0.3044,
0.5867

■ 77.2236, 0.3122,
0.3019

■ 51.4160, 0.3022,
0.5968

■ 79.6709, 0.3143,
0.2950

■ 51.3506, 0.3019,
0.5985

Harmonies

Analogous

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



59.0123, 0.3764, 0.4489



59.0123, 0.3126, 0.4415



59.0123, 0.2522, 0.3907

Triad

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



59.0123, 0.3126, 0.4415



59.0123, 0.2067, 0.2329



59.0123, 0.4250, 0.3216

Complementary

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



59.0123, 0.3126, 0.4415



37.0778, 0.3096, 0.2341

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.



59.0123, 0.3696, 0.2760



59.0123, 0.3126, 0.4415



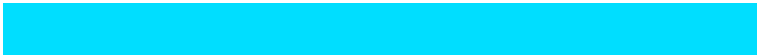
59.0123, 0.2430, 0.2267

Square

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



59.0123, 0.3126, 0.4415



59.0123, 0.1955, 0.2642



59.0123, 0.3012, 0.2424



59.0123, 0.4456, 0.3721

Rectangle

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



59.0123, 0.3126, 0.4415



59.0123, 0.2218, 0.3441



59.0123, 0.3012, 0.2424



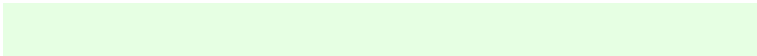
59.0123, 0.4096, 0.3055

Sweetspot

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



59.0148, 0.3126, 0.4415



93.8253, 0.3130, 0.3576



63.9669, 0.3723, 0.4141



19.9325, 0.3131, 0.3614



0.0000, 0.0000, 0.0000



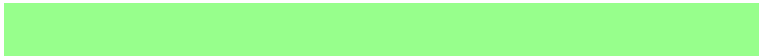
21.4041, 0.3127, 0.3290

Same Dimension

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



59.0148, 0.3126, 0.4415



80.0211, 0.3120, 0.4683



59.4231, 0.2881, 0.3963



14.6655, 0.3130, 0.3531



30.1561, 0.3024, 0.5981



1.9745, 0.3088, 0.5930

Inverse Universe

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



37.0778, 0.3096, 0.2341



45.2880, 0.3085, 0.2157



36.6986, 0.3497, 0.2706



13.2083, 0.3123, 0.3059



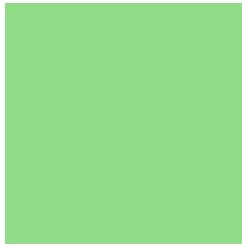
10.1831, 0.2971, 0.1410



0.6785, 0.3012, 0.1433

Previews

White Background



This preview shows how the Yxy color 59.0123, 0.3126, 0.4415 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 59.0123, 0.3126, 0.4415 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

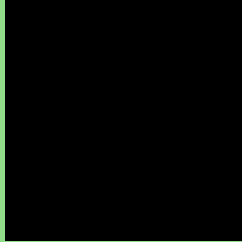
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.0123, 0.3126, 0.4415

Background



This preview shows how black text looks on a background with the Yxy color 59.0123, 0.3126, 0.4415.

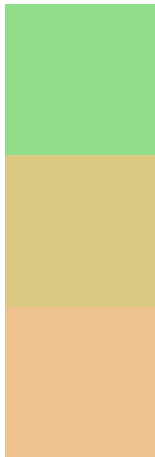


This preview shows how white text looks on a background with the Yxy color 59.0123, 0.3126, 0.4415.

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

59.0123, 0.3126, 0.4415

Protanopia

58.4183, 0.3816, 0.4123

Deuteranopia

58.4738, 0.3917, 0.3841



Tritanopia

58.6690, 0.2689, 0.3080

Trichromacy



Original Color

59.0123, 0.3126, 0.4415



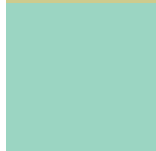
Protanomaly

57.9842, 0.3539, 0.4235



Deuteranomaly

57.6141, 0.3601, 0.4041



Tritanomaly

58.4521, 0.2846, 0.3535

Monochromacy



Original Color

59.0123, 0.3126, 0.4415



Achromatopsia

50.2886, 0.3127, 0.3290



Achromatomaly

52.9438, 0.3131, 0.3698

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.0123, 0.3126, 0.4415 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(145, 220, 137)` looks like.

```
.text, #text, p{  
    color:rgb(145, 220, 137)  
}
```

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(145, 220, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 220, 137) }
```

Border

The CSS property to change the border of an element to Yxy 59.0123, 0.3126, 0.4415 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(145, 220, 137) }
```

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

```
.border{ border-color:rgb(145, 220, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 220, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 220, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 220, 137);  
box-shadow:4px 4px 4px 4px rgb(145, 220,  
137) }
```


Background

The CSS property to change the background color of an element to Yxy 59.0123, 0.3126, 0.4415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 220, 137) }
```

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

```
.background{ background-color: rgb(145,  
220, 137) }
```

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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