

Converting Colors

Yxy(59.0518, 0.3253, 0.4768)

Have a look what the booklet for
Yxy(59.0518, 0.3253, 0.4768)
contains.

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Color

Yxy(59.2520, 0.3249, 0.4768)

Conversions

Conversions Part 1

Format	Color
Hex	8FDE70
RGB	143, 222, 112
RGB Percent	56%, 87%, 44%
CMY	0.4392, 0.1294, 0.5607
CMYK	0.36, 0.00, 0.50, 0.13
HSL	103°, 62%, 65%
HSV	103°, 50%, 87%
XYZ	40.3754, 59.2520, 24.6428
YIQ	185.8390, -11.7740, -50.9580

Conversions

Conversions Part 2

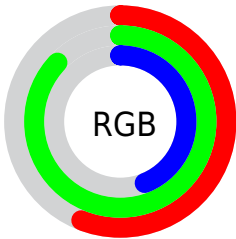
Format	Color
RYB	112, 222, 191
Decimal	9428592
CIELab	81.43, -44.09, 46.10
CIELCh	81, 63.793, 133.725
Yxy	59.2520, 0.3249, 0.4768
Android (android.graphics.Color)	4287618672 (0xFF8FDE70)
YUV	185.8390, -36.4026, -37.5698
Hunter-Lab	76.9753, -41.0794, 34.9017

Details

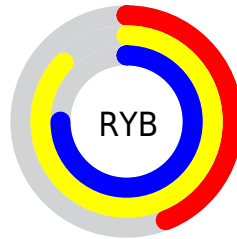
The Yxy color **59.2520, 0.3249, 0.4768** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **27.9447, 0.2875, 0.1985**, and the grayscale version is **49.2236, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.5525, 0.3285, 0.4279**, and **29.6249, 0.3223, 0.5194** is the 20% darker color. If you saturate the color by 10%, you get **57.4959, 0.3249, 0.5088**, and if you desaturate by 10%, it is **61.3374, 0.3237, 0.4439**.

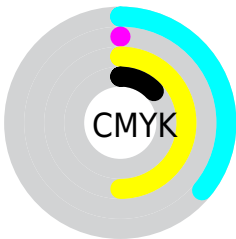
Distribution



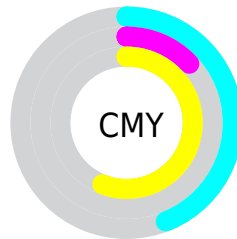
- Red (56%)
- Green (87%)
- Blue (44%)



- Red (44%)
- Yellow (87%)
- Blue (75%)



- Cyan (36%)
- Magenta (0%)
- Yellow (50%)
- Black (13%)





- Cyan (44%)
- Magenta (13%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.2520, 0.3249, 0.4768 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 59.2520, 0.3249, 0.4768 by changing the saturation by 10% instead.


 59.2520, 0.3249,
0.4768

 59.2520, 0.3249,
0.4768

421.8351, 0.3226,
0.4017

 42.8160, 0.3242,
0.4954


 103.7438, 0.3250,
0.4495

 29.7408, 0.3225,
0.5190


 132.5685, 0.3248,
0.4392

 19.6419, 0.3189,
0.5496


 166.2914, 0.3245,
0.4306

 12.1350, 0.3115,
0.5904

 205.2971, 0.3241,
0.4231

 6.8357, 0.2975,
0.6488

249.9700, 0.3237,
0.4167

 3.3596, 0.2673,
0.7327

300.6943, 0.3234,

 1.3222, 0.0872,

0.4111

0.9128

357.8546, 0.3230,
0.4061

■ 0.1583, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 59.2520, 0.3249,
0.4768

■ 59.2520, 0.3249,
0.4768

■ 57.4959, 0.3249,
0.5088

■ 61.3374, 0.3237,
0.4439

■ 56.0438, 0.3236,
0.5378


■ 63.7606, 0.3216,
0.4116

■ 54.8788, 0.3208,
0.5618


■ 66.5393, 0.3189,
0.3812

■ 53.9787, 0.3168,
0.5793

■ 69.6874, 0.3158,
0.3532

 53.3122, 0.3121,
0.5901

 73.2184, 0.3126,
0.3279

 53.2859, 0.3119,
0.5905

 77.1448, 0.3093,
0.3054

 80.6525, 0.3140,
0.2969

 80.7238, 0.3142,
0.2970

Harmonies

Analogous

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



59.2520, 0.4006, 0.4706



59.2520, 0.3249, 0.4768



59.2520, 0.2500, 0.4221

Triad

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



59.2520, 0.3249, 0.4768



59.2520, 0.1813, 0.2174



59.2520, 0.4411, 0.3071

Complementary

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



59.2520, 0.3249, 0.4768



27.9447, 0.2875, 0.1985

Split Complementary

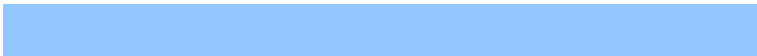
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



59.2520, 0.3662, 0.2561



59.2520, 0.3249, 0.4768



59.2520, 0.2179, 0.2062

Square

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



59.2520, 0.3249, 0.4768



59.2520, 0.1736, 0.2590



59.2520, 0.2827, 0.2204



59.2520, 0.4748, 0.3655

Rectangle

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



59.2520, 0.3249, 0.4768



59.2520, 0.2109, 0.3634



59.2520, 0.2827, 0.2204



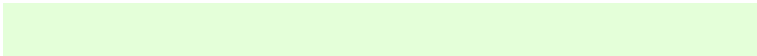
59.2520, 0.4193, 0.2889

Sweetspot

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



59.2545, 0.3249, 0.4768



92.9336, 0.3176, 0.3685



53.8924, 0.4018, 0.4192



19.6995, 0.3182, 0.3745



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.



59.2545, 0.3249, 0.4768



78.7283, 0.3249, 0.5085



57.4631, 0.2931, 0.4522



15.5232, 0.3158, 0.3529



31.6985, 0.3128, 0.5898



2.2415, 0.3242, 0.5808

Inverse Universe

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



27.9447, 0.2875, 0.1985



31.3194, 0.2804, 0.1743



31.2078, 0.3431, 0.2321



13.7314, 0.3093, 0.3056



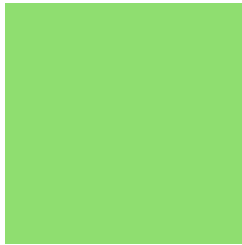
7.5967, 0.2509, 0.1156



0.5709, 0.2620, 0.1217

Previews

White Background



This preview shows how the Yxy color 59.2520, 0.3249, 0.4768 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 59.2520, 0.3249, 0.4768 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

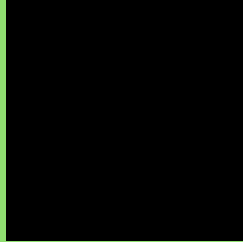
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.2520, 0.3249, 0.4768

Background



This preview shows how black text looks on a background with the Yxy color 59.2520, 0.3249, 0.4768.

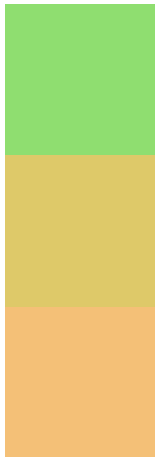


This preview shows how white text looks on a background with the Yxy color 59.2520, 0.3249, 0.4768.

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

59.2520, 0.3249, 0.4768

Protanopia

58.3228, 0.4007, 0.4363

Deuteranopia

58.2643, 0.4151, 0.4065



Tritanopia

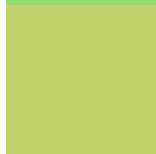
58.7733, 0.2696, 0.3081

Trichromacy



Original Color

59.2520, 0.3249, 0.4768



Protanomaly

58.0211, 0.3699, 0.4519



Deuteranomaly

57.2382, 0.3795, 0.4323



Tritanomaly

58.5645, 0.2901, 0.3668

Monochromacy



Original Color

59.2520, 0.3249, 0.4768



Achromatopsia

49.1021, 0.3127, 0.3290



Achromatomaly

51.8961, 0.3188, 0.3825

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.2520, 0.3249, 0.4768 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(143, 222, 112)` looks like.

```
.text, #text, p{  
    color:rgb(143, 222, 112)  
}
```

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(143, 222, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 222, 112) }
```

Border

The CSS property to change the border of an element to Yxy 59.2520, 0.3249, 0.4768 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(143, 222, 112) }
```

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

```
.border{ border-color:rgb(143, 222, 112) }
```

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

Here you see how a box with a 4 pixel rgb(143, 222, 112) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 222, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 222, 112);  
box-shadow:4px 4px 4px 4px rgb(143, 222,  
112) }
```


Background

The CSS property to change the background color of an element to Yxy 59.2520, 0.3249, 0.4768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 222, 112) }
```

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

```
.background{ background-color: rgb(143,  
222, 112) }
```

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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