

Converting Colors

Yxy(56.9819, 0.3299, 0.4832)

Have a look what the booklet for
Yxy(56.9819, 0.3299, 0.4832)
contains.

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Color

Yxy(56.9819, 0.3299, 0.4832)

Conversions

Conversions Part 1

Format	Color
Hex	8FDA68
RGB	143, 218, 104
RGB Percent	56%, 85%, 41%
CMY	0.4390, 0.1451, 0.5922
CMYK	0.34, 0.00, 0.52, 0.15
HSL	99°, 61%, 63%
HSV	99°, 52%, 85%
XYZ	38.9038, 56.9819, 22.0404
YIQ	182.5790, -8.1060, -51.3540

Conversions

Conversions Part 2

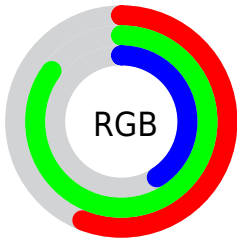
Format	Color
RYB	104, 218, 179
Decimal	9427560
CIELab	80.17, -43.28, 48.38
CIELCh	80, 64.915, 131.819
Yxy	56.9819, 0.3299, 0.4832
Android (android.graphics.Color)	4287617640 (0xFF8FDA68)
YUV	182.5790, -38.7394, -34.7108
Hunter-Lab	75.4864, -40.1066, 35.5290

Details

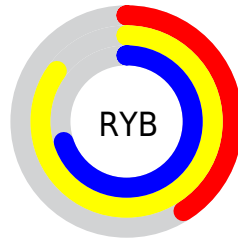
The Yxy color **56.9819, 0.3299, 0.4832** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **24.5350, 0.2786, 0.1889**, and the grayscale version is **47.3370, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.2680, 0.3328, 0.4367**, and **28.1633, 0.3284, 0.5265** is the 20% darker color. If you saturate the color by 10%, you get **55.3983, 0.3302, 0.5137**, and if you desaturate by 10%, it is **58.8483, 0.3282, 0.4512**.

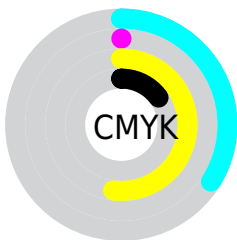
Distribution



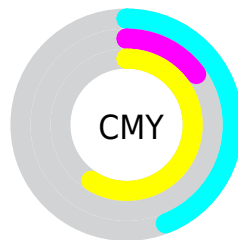
- Red (56%)
- Green (85%)
- Blue (41%)



- Red (41%)
- Yellow (85%)
- Blue (70%)



- Cyan (34%)
- Magenta (0%)
- Yellow (52%)
- Black (15%)





- Cyan (44%)
- Magenta (15%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.9819, 0.3299, 0.4832 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 56.9819, 0.3299, 0.4832 by changing the saturation by 10% instead.


 56.9819, 0.3299,
0.4832

 56.9819, 0.3299,
0.4832


413.3815, 0.3256,
0.4046

 40.9907, 0.3295,
0.5027


 100.4388, 0.3294,
0.4546

 28.3118, 0.3280,
0.5273


 128.6733, 0.3289,
0.4438

 18.5609, 0.3244,
0.5592


 161.7576, 0.3284,
0.4347

 11.3534, 0.3166,
0.6014

 200.0763, 0.3278,
0.4270

 6.3051, 0.3045,
0.6686

244.0136, 0.3272,
0.4202

 3.0315, 0.2638,
0.7362

293.9539, 0.3266,

 1.1482, 0.0116,

0.4143

0.9884

350.2818, 0.3261,
0.4092

0.0188, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

56.9819, 0.3299,
0.4832

56.9819, 0.3299,
0.4832

55.3983, 0.3302,
0.5137

58.8483, 0.3282,
0.4512

54.0750, 0.3289,
0.5408


61.0040, 0.3254,
0.4194

52.9975, 0.3259,
0.5627

63.4643, 0.3219,
0.3889


52.1464, 0.3214,
0.5782


66.2412, 0.3179,
0.3605

 51.6245, 0.3174,
0.5862

 69.3461, 0.3137,
0.3346

 72.7897, 0.3095,
0.3113

 76.4799, 0.3063,
0.2921

 78.6208, 0.3144,
0.2930

Harmonies

Analogous

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



56.9819, 0.4071, 0.4723



56.9819, 0.3299, 0.4832



56.9819, 0.2524, 0.4305

Triad

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



56.9819, 0.3299, 0.4832



56.9819, 0.1767, 0.2160



56.9819, 0.4411, 0.3025

Complementary

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



56.9819, 0.3299, 0.4832



24.5350, 0.2786, 0.1889

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.



56.9819, 0.3621, 0.2513



56.9819, 0.3299, 0.4832



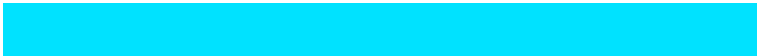
56.9819, 0.2121, 0.2030

Square

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



56.9819, 0.3299, 0.4832



56.9819, 0.1706, 0.2605



56.9819, 0.2767, 0.2161



56.9819, 0.4791, 0.3619

Rectangle

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



56.9819, 0.3299, 0.4832



56.9819, 0.2112, 0.3703



56.9819, 0.2767, 0.2161



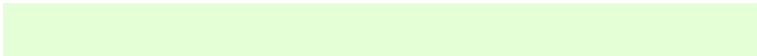
56.9819, 0.4178, 0.2842

Sweetspot

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



56.9844, 0.3299, 0.4832



92.9088, 0.3194, 0.3711



47.7817, 0.4119, 0.4157



19.7100, 0.3203, 0.3770



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.



56.9844, 0.3299, 0.4832



78.7615, 0.3301, 0.5173



54.4657, 0.2963, 0.4715



14.8220, 0.3167, 0.3528



30.9834, 0.3184, 0.5854



2.0540, 0.3311, 0.5753

Inverse Universe

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



24.5350, 0.2786, 0.1889



27.5606, 0.2684, 0.1612



29.0148, 0.3367, 0.2200



13.0399, 0.3084, 0.3056



6.6089, 0.2366, 0.1077



0.4751, 0.2505, 0.1154

Previews

White Background



This preview shows how the Yxy color 56.9819, 0.3299, 0.4832 looks on a white background.

Color Contrast Check

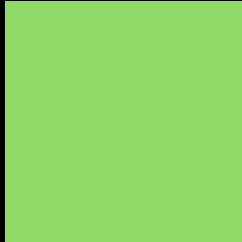
Large Text (above 18pt) WCAG AA × Fail

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 56.9819, 0.3299, 0.4832 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

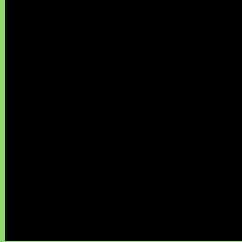
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.9819, 0.3299, 0.4832

Background



This preview shows how black text looks on a background with the Yxy color 56.9819, 0.3299, 0.4832.

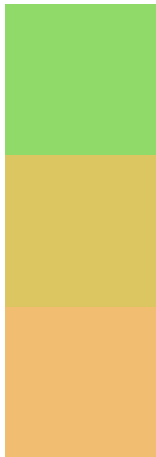


This preview shows how white text looks on a background with the Yxy color 56.9819, 0.3299, 0.4832.

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

56.9819, 0.3299, 0.4832

Protanopia

56.3113, 0.4049, 0.4422

Deuteranopia

56.2658, 0.4195, 0.4112



Tritanopia

56.6180, 0.2714, 0.3078

Trichromacy



Original Color

56.9819, 0.3299, 0.4832



Protanomaly

55.6591, 0.3749, 0.4575



Deuteranomaly

55.3918, 0.3839, 0.4376



Tritanomaly

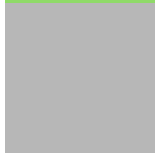
56.3164, 0.2937, 0.3701

Monochromacy



Original Color

56.9819, 0.3299, 0.4832



Achromatopsia

47.3531, 0.3127, 0.3290



Achromatomaly

50.1378, 0.3212, 0.3859

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.9819, 0.3299, 0.4832 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, 218, 104)` looks like.

```
.text, #text, p{  
    color:rgb(143, 218, 104)  
}
```

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, 218, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 218, 104) }
```

Border

The CSS property to change the border of an element to Yxy 56.9819, 0.3299, 0.4832 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, 218, 104) }
```

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

```
.border{ border-color:rgb(143, 218, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 218, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 218, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 218, 104);  
box-shadow:4px 4px 4px 4px rgb(143, 218,  
104) }
```


Background

The CSS property to change the background color of an element to Yxy 56.9819, 0.3299, 0.4832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 218, 104) }
```

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

```
.background{ background-color: rgb(143,  
218, 104) }
```

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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