

Converting Colors

Yxy(56.9476, 0.3161, 0.4246)

Have a look what the booklet for
Yxy(56.9476, 0.3161, 0.4246)
contains.

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Color

Yxy(56.9463, 0.3158, 0.4249)

Conversions

Conversions Part 1

Format	Color
Hex	9AD68F
RGB	154, 214, 143
RGB Percent	60%, 84%, 56%
CMY	0.3963, 0.1607, 0.4392
CMYK	0.28, 0.00, 0.33, 0.16
HSL	111°, 46%, 70%
HSV	111°, 33%, 84%
XYZ	42.3244, 56.9463, 34.7521
YIQ	187.9660, -12.9690, -34.8010

Conversions

Conversions Part 2

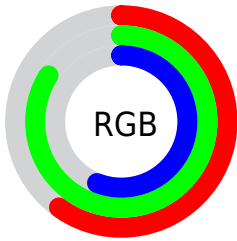
Format	Color
RYB	143, 214, 203
Decimal	10147471
CIELab	80.15, -32.62, 29.10
CIElCh	80, 43.711, 138.270
Yxy	56.9463, 0.3158, 0.4249
Android (android.graphics.Color)	4288337551 (0xFF9AD68F)
YUV	187.9660, -22.1682, -29.7882
Hunter-Lab	75.4628, -31.9455, 25.5197

Details

The Yxy color **56.9463, 0.3158, 0.4249** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **37.2121, 0.3063, 0.2445**, and the grayscale version is **50.3989, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.2529, 0.3178, 0.3916**, and **28.3357, 0.3147, 0.4527** is the 20% darker color. If you saturate the color by 10%, you get **54.7169, 0.3159, 0.4589**, and if you desaturate by 10%, it is **59.5722, 0.3152, 0.3927**.

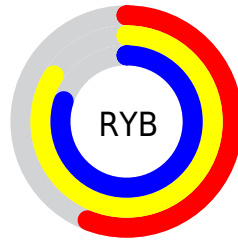
Distribution



Red (60%)

Green (84%)

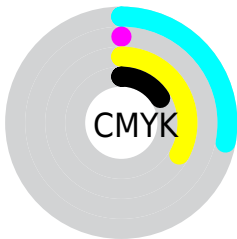
Blue (56%)



Red (56%)

Yellow (84%)

Blue (80%)

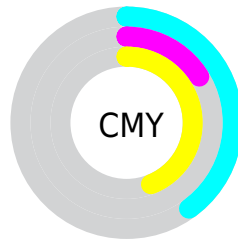


Cyan (28%)

Magenta (0%)

Yellow (33%)

Black (16%)



Cyan (40%)


Magenta (16%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.9463, 0.3158, 0.4249 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 56.9463, 0.3158, 0.4249 by changing the saturation by 10% instead.

 56.9463, 0.3158,
0.4249


 56.9463, 0.3158,
0.4249

413.2481, 0.3157,
0.3762

 40.9621, 0.3153,
0.4372


 100.3868, 0.3161,
0.4071

 28.2895, 0.3145,
0.4529


 128.6120, 0.3161,
0.4005

 18.5440, 0.3128,
0.4739


161.6862, 0.3161,
0.3948

 11.3413, 0.3096,
0.5030

199.9940, 0.3161,
0.3900

 6.2969, 0.3029,
0.5455

243.9197, 0.3160,
0.3859

 3.0264, 0.2936,
0.6249

293.8476, 0.3159,

 1.1455, 0.1917,

0.3823

0.8083

350.1623, 0.3158,
0.3791

0.0165, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

56.9463, 0.3158,
0.4249

56.9463, 0.3158,
0.4249

54.7169, 0.3159,
0.4589

59.5722, 0.3152,
0.3927

52.8576, 0.3153,
0.4931


62.6051, 0.3143,
0.3632


51.3504, 0.3140,
0.5257


66.0639, 0.3131,
0.3368

50.1724, 0.3119,
0.5542


69.9644, 0.3118,
0.3134

 49.2983, 0.3092,
0.5763

 74.3215, 0.3105,
0.2929

 48.6986, 0.3061,
0.5907

 76.5800, 0.3146,
0.2891

 48.4228, 0.3041,
0.5967

Harmonies

Analogous

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



56.9463, 0.3707, 0.4314



56.9463, 0.3158, 0.4249



56.9463, 0.2628, 0.3834

Triad

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



56.9463, 0.3158, 0.4249



56.9463, 0.2194, 0.2464



56.9463, 0.4075, 0.3219

Complementary

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



56.9463, 0.3158, 0.4249



37.2121, 0.3063, 0.2445

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.



56.9463, 0.3596, 0.2817



56.9463, 0.3158, 0.4249



56.9463, 0.2509, 0.2394

Square

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



56.9463, 0.3158, 0.4249



56.9463, 0.2104, 0.2755



56.9463, 0.3011, 0.2524



56.9463, 0.4269, 0.3664

Rectangle

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



56.9463, 0.3158, 0.4249



56.9463, 0.2354, 0.3448



56.9463, 0.3011, 0.2524



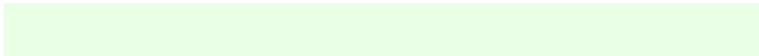
56.9463, 0.3939, 0.3077

Sweetspot

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



56.9487, 0.3158, 0.4249



94.6009, 0.3139, 0.3548



58.6075, 0.3665, 0.3989



20.0974, 0.3141, 0.3586



0.0000, 0.0000, 0.0000



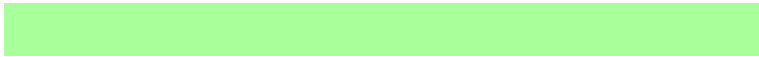
21.4041, 0.3127, 0.3290

Same Dimension

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



56.9487, 0.3158, 0.4249



82.2230, 0.3159, 0.4493



56.7191, 0.2936, 0.3934



13.9869, 0.3139, 0.3529



29.2930, 0.3047, 0.5963



1.7964, 0.3145, 0.5884

Inverse Universe

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



37.2121, 0.3063, 0.2445



48.4035, 0.3043, 0.2261



37.6801, 0.3391, 0.2725



12.5313, 0.3113, 0.3059



8.9120, 0.2825, 0.1330



0.5643, 0.2895, 0.1369

Previews

White Background



This preview shows how the Yxy color 56.9463, 0.3158, 0.4249 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 56.9463, 0.3158, 0.4249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

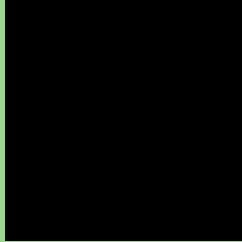
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.9463, 0.3158, 0.4249

Background



This preview shows how black text looks on a background with the Yxy color 56.9463, 0.3158, 0.4249.



This preview shows how white text looks on a background with the Yxy color 56.9463, 0.3158, 0.4249.

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

56.9463, 0.3158, 0.4249

Protanopia

56.4619, 0.3734, 0.4025

Deuteranopia

56.2887, 0.3837, 0.3765



Tritanopia

56.6217, 0.2751, 0.3079

Trichromacy



Original Color

56.9463, 0.3158, 0.4249



Protanomaly

56.2563, 0.3503, 0.4106



Deuteranomaly

55.7595, 0.3568, 0.3939



Tritanomaly

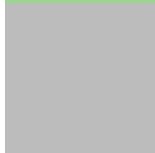
56.6434, 0.2895, 0.3483

Monochromacy



Original Color

56.9463, 0.3158, 0.4249



Achromatopsia

50.2886, 0.3127, 0.3290



Achromatomaly

52.1412, 0.3143, 0.3617

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.9463, 0.3158, 0.4249 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(154, 214, 143)` looks like.

```
.text, #text, p{  
    color:rgb(154, 214, 143)  
}
```

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(154, 214, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 214, 143) }
```

Border

The CSS property to change the border of an element to Yxy 56.9463, 0.3158, 0.4249 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(154, 214, 143) }
```

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

```
.border{ border-color:rgb(154, 214, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 214, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 214, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 214, 143);  
box-shadow:4px 4px 4px 4px rgb(154, 214,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 56.9463, 0.3158, 0.4249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 214, 143) }
```

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

```
.background{ background-color: rgb(154,  
214, 143) }
```

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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