

Converting Colors

Yxy(56.1294, 0.3186, 0.4253)

Have a look what the booklet for
Yxy(56.1294, 0.3186, 0.4253)
contains.

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Color

Yxy(56.0780, 0.3188, 0.4250)

Conversions

Conversions Part 1

Format	Color
Hex	9CD48D
RGB	156, 212, 141
RGB Percent	61%, 83%, 55%
CMY	0.3881, 0.1686, 0.4471
CMYK	0.26, 0.00, 0.33, 0.17
HSL	107°, 45%, 69%
HSV	107°, 33%, 83%
XYZ	42.0651, 56.0780, 33.8051
YIQ	187.1620, -10.5850, -33.9530

Conversions

Conversions Part 2

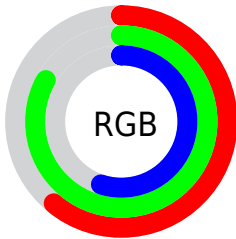
Format	Color
RYB	141, 212, 197
Decimal	10278029
CIELab	79.66, -31.29, 29.50
CIElCh	80, 43.001, 136.681
Yxy	56.0780, 0.3188, 0.4250
Android (android.graphics.Color)	4288468109 (0xFF9CD48D)
YUV	187.1620, -22.7579, -27.3291
Hunter-Lab	74.8852, -30.7808, 25.6546

Details

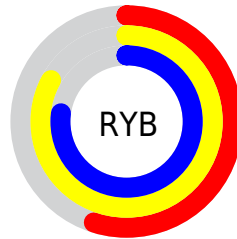
The Yxy color **56.0780, 0.3188, 0.4250** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **35.6694, 0.3024, 0.2428**, and the grayscale version is **49.9296, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.4572, 0.3201, 0.3936**, and **27.7357, 0.3184, 0.4530** is the 20% darker color. If you saturate the color by 10%, you get **53.9540, 0.3196, 0.4584**, and if you desaturate by 10%, it is **58.5570, 0.3174, 0.3933**.

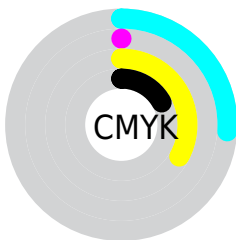
Distribution



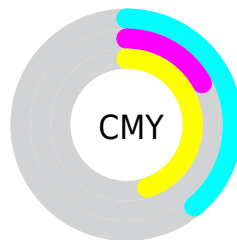
- Red (61%)
- Green (83%)
- Blue (55%)



- Red (55%)
- Yellow (83%)
- Blue (77%)



- Cyan (26%)
- Magenta (0%)
- Yellow (33%)
- Black (17%)





- Cyan (39%)
- Magenta (17%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.0780, 0.3188, 0.4250 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 56.0780, 0.3188, 0.4250 by changing the saturation by 10% instead.

 56.0780, 0.3188,
0.4250


 56.0780, 0.3188,
0.4250


409.9854, 0.3173,
0.3762

 40.2655, 0.3187,
0.4373


 99.1186, 0.3186,
0.4072

 27.7456, 0.3182,
0.4531


 127.1155, 0.3184,
0.4005

 18.1340, 0.3171,
0.4742


 159.9426, 0.3182,
0.3949

 11.0462, 0.3146,
0.5033

197.9843, 0.3180,
0.3901

 6.0979, 0.3087,
0.5460

241.6251, 0.3178,
0.3859

 2.9047, 0.3028,
0.6306

291.2492, 0.3176,

 1.0822, 0.1892,

0.3823

0.8108

347.2412, 0.3174,
0.3791

0.0000, 0.0000,
0.0000

56.0780, 0.3188,
0.4250

56.0780, 0.3188,
0.4250

53.9540, 0.3196,
0.4584

58.5570, 0.3174,
0.3933

52.1616, 0.3196,
0.4919

61.3990, 0.3155,
0.3640

50.6856, 0.3186,
0.5238

64.6206, 0.3135,
0.3375

49.5068, 0.3165,
0.5517

68.2353, 0.3113,
0.3140

48.6037, 0.3134,
0.5736

72.2558, 0.3091,
0.2933

■ 47.9515, 0.3096,
0.5882

■ 75.5667, 0.3147,
0.2871

■ 47.6417, 0.3071,
0.5943

Harmonies

Analogous

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



56.0780, 0.3728, 0.4297



56.0780, 0.3188, 0.4250



56.0780, 0.2658, 0.3856

Triad

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



56.0780, 0.3188, 0.4250



56.0780, 0.2193, 0.2482



56.0780, 0.4045, 0.3198

Complementary

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



56.0780, 0.3188, 0.4250



35.6694, 0.3024, 0.2428

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.



56.0780, 0.3561, 0.2803



56.0780, 0.3188, 0.4250



56.0780, 0.2494, 0.2402

Square

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



56.0780, 0.3188, 0.4250



56.0780, 0.2117, 0.2782



56.0780, 0.2983, 0.2520



56.0780, 0.4254, 0.3638

Rectangle

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



56.0780, 0.3188, 0.4250



56.0780, 0.2381, 0.3478



56.0780, 0.2983, 0.2520



56.0780, 0.3906, 0.3058

Sweetspot

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



56.0804, 0.3188, 0.4250



94.8498, 0.3149, 0.3547



55.6784, 0.3684, 0.3956



20.1572, 0.3152, 0.3585



0.0000, 0.0000, 0.0000



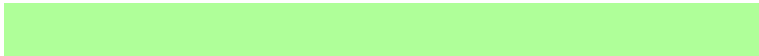
21.4041, 0.3127, 0.3290

Same Dimension

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



56.0804, 0.3188, 0.4250



82.8864, 0.3194, 0.4480



55.3267, 0.2956, 0.3992



14.0213, 0.3147, 0.3529



29.4472, 0.3079, 0.5938



1.8125, 0.3197, 0.5844

Inverse Universe

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



35.6694, 0.3024, 0.2428



47.3953, 0.2994, 0.2246



36.8470, 0.3358, 0.2680



12.4939, 0.3104, 0.3058



8.0596, 0.2681, 0.1251



0.5201, 0.2777, 0.1304

Previews

White Background



This preview shows how the Yxy color 56.0780, 0.3188, 0.4250 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 56.0780, 0.3188, 0.4250 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 56.0780, 0.3188, 0.4250

Background



This preview shows how black text looks on a background with the Yxy color 56.0780, 0.3188, 0.4250.

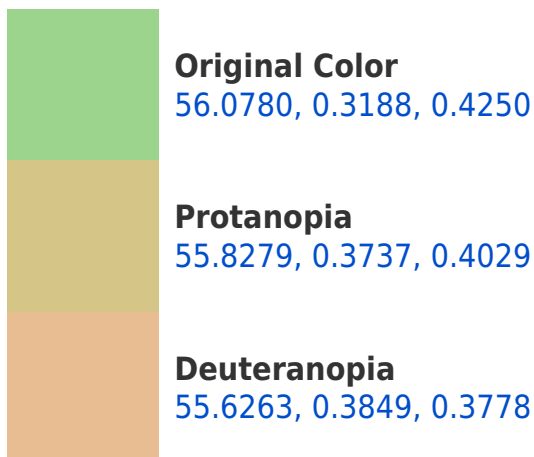


This preview shows how white text looks on a background with the Yxy color 56.0780, 0.3188, 0.4250.

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





Tritanopia

55.7380, 0.2780, 0.3091

Trichromacy



Original Color

56.0780, 0.3188, 0.4250

Protanomaly

55.2537, 0.3523, 0.4109

Deuteranomaly

54.7835, 0.3590, 0.3941

Tritanomaly

55.7528, 0.2927, 0.3497

Monochromacy



Original Color

56.0780, 0.3188, 0.4250

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

51.6122, 0.3159, 0.3631

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.0780, 0.3188, 0.4250 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(156, 212, 141)` looks like.

```
.text, #text, p{  
    color:rgb(156, 212, 141)  
}
```

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(156, 212, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 212, 141) }
```

Border

The CSS property to change the border of an element to Yxy 56.0780, 0.3188, 0.4250 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(156, 212, 141) }
```

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

```
.border{ border-color:rgb(156, 212, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 212, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 212, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 212, 141);  
box-shadow:4px 4px 4px 4px rgb(156, 212,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 56.0780, 0.3188, 0.4250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 212, 141) }
```

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

```
.background{ background-color: rgb(156,  
212, 141) }
```

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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