

Converting Colors

Yxy(56.2253, 0.3087, 0.4002)

Have a look what the booklet for
Yxy(56.2253, 0.3087, 0.4002)
contains.

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Color

Yxy(56.2253, 0.3087, 0.4002)

Conversions

Conversions Part 1

Format	Color
Hex	9DD39E
RGB	157, 211, 158
RGB Percent	62%, 83%, 62%
CMY	0.3842, 0.1725, 0.3805
CMYK	0.26, 0.00, 0.25, 0.17
HSL	121°, 38%, 72%
HSV	121°, 26%, 83%
XYZ	43.3702, 56.2253, 40.8975
YIQ	188.8120, -15.1710, -27.9310

Conversions

Conversions Part 2

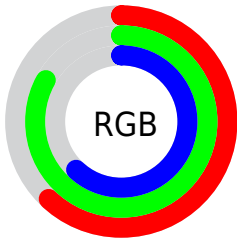
Format	Color
RYB	157, 210, 211
Decimal	10343326
CIELab	79.74, -27.75, 20.77
CIELCh	80, 34.658, 143.183
Yxy	56.2253, 0.3087, 0.4002
Android (android.graphics.Color)	4288533406 (0xFF9DD39E)
YUV	188.8120, -15.1903, -27.8991
Hunter-Lab	74.9835, -27.9775, 20.1505

Details

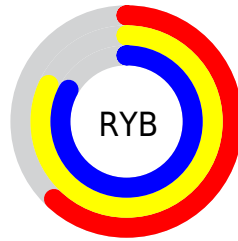
The Yxy color **56.2253, 0.3087, 0.4002** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **42.6251, 0.3165, 0.2668**, and the grayscale version is **50.8722, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.4702, 0.3106, 0.3736**, and **27.7606, 0.3066, 0.4213** is the 20% darker color. If you saturate the color by 10%, you get **53.6306, 0.3069, 0.4335**, and if you desaturate by 10%, it is **59.3117, 0.3104, 0.3698**.

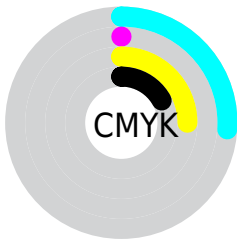
Distribution



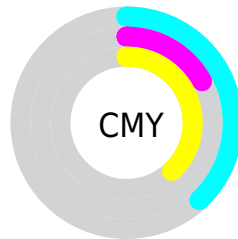
- Red (62%)
- Green (83%)
- Blue (62%)



- Red (62%)
- Yellow (82%)
- Blue (83%)



- Cyan (26%)
- Magenta (0%)
- Yellow (25%)
- Black (17%)





- Cyan (38%)
- Magenta (17%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.2253, 0.3087, 0.4002 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 56.2253, 0.3087, 0.4002 by changing the saturation by 10% instead.

 56.2253, 0.3087,
0.4002

 56.2253, 0.3087,
0.4002


410.5400, 0.3114,
0.3642

 40.3836, 0.3078,
0.4093


 99.3339, 0.3099,
0.3871

 27.8378, 0.3065,
0.4209


 127.3696, 0.3102,
0.3822

 18.2034, 0.3046,
0.4365


160.2387, 0.3106,
0.3780

 11.0961, 0.3014,
0.4582

198.3257, 0.3108,
0.3745

 6.1315, 0.2959,
0.4906

242.0150, 0.3110,
0.3714

 2.9252, 0.2846,
0.5432

291.6908, 0.3112,


 1.0928, 0.2414,


0.3687


0.7586


347.7377, 0.3113,
0.3663


 0.0000, 0.0000,
0.0000


 56.2253, 0.3087,
0.4002


 56.2253, 0.3087,
0.4002


 53.6306, 0.3069,
0.4335


 59.3117, 0.3104,
0.3698


 51.4956, 0.3051,
0.4687


 62.9057, 0.3119,
0.3427


 49.7955, 0.3034,
0.5039

 67.0313, 0.3133,
0.3190

 48.5006, 0.3019,
0.5367

 71.7090, 0.3145,
0.2985

 47.5770, 0.3008,
0.5643

 75.0705, 0.3147,
0.2861

■ 46.9859, 0.3001,
0.5845

■ 46.6793, 0.2999,
0.5961

■ 46.5986, 0.2997,
0.5991

Harmonies

Analogous

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



56.2253, 0.3534, 0.4113



56.2253, 0.3087, 0.4002



56.2253, 0.2670, 0.3648

Triad

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



56.2253, 0.3087, 0.4002



56.2253, 0.2399, 0.2601



56.2253, 0.3923, 0.3302

Complementary

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



56.2253, 0.3087, 0.4002



42.6251, 0.3165, 0.2668

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.



56.2253, 0.3575, 0.2958



56.2253, 0.3087, 0.4002



56.2253, 0.2689, 0.2566

Square

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



56.2253, 0.3087, 0.4002



56.2253, 0.2294, 0.2817



56.2253, 0.3115, 0.2696



56.2253, 0.4037, 0.3665

Rectangle

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



56.2253, 0.3087, 0.4002



56.2253, 0.2462, 0.3346



56.2253, 0.3115, 0.2696



56.2253, 0.3828, 0.3182

Sweetspot

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



56.2277, 0.3087, 0.4002



95.1099, 0.3116, 0.3491



62.7423, 0.3504, 0.3926



20.1733, 0.3113, 0.3531



0.0000, 0.0000, 0.0000



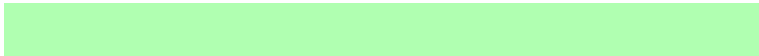
21.4041, 0.3127, 0.3290

Same Dimension

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



56.2277, 0.3087, 0.4002



83.9321, 0.3077, 0.4191



57.2593, 0.2914, 0.3631



13.2096, 0.3114, 0.3526



28.1226, 0.2997, 0.5988



1.5736, 0.2985, 0.5947

Inverse Universe

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



42.6251, 0.3165, 0.2668



59.4220, 0.3174, 0.2529



41.3927, 0.3411, 0.2973



12.0053, 0.3141, 0.3065



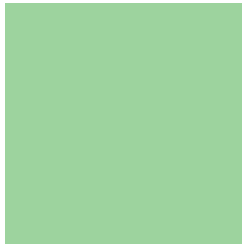
11.0871, 0.3253, 0.1566



0.6211, 0.3244, 0.1561

Previews

White Background



This preview shows how the Yxy color 56.2253, 0.3087, 0.4002 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 56.2253, 0.3087, 0.4002 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

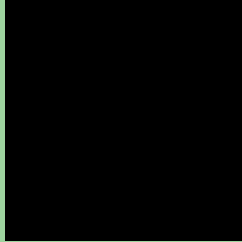
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.2253, 0.3087, 0.4002

Background



This preview shows how black text looks on a background with the Yxy color 56.2253, 0.3087, 0.4002.

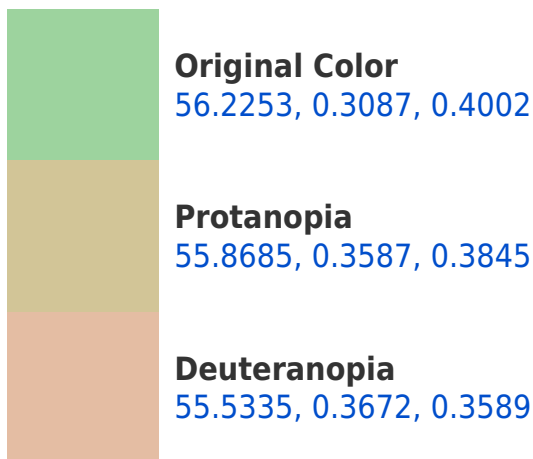


This preview shows how white text looks on a background with the Yxy color 56.2253, 0.3087, 0.4002.

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

56.1512, 0.2769, 0.3091

Trichromacy



Original Color

56.2253, 0.3087, 0.4002



Protanomaly

55.6505, 0.3391, 0.3896



Deuteranomaly

55.0623, 0.3441, 0.3733



Tritanomaly

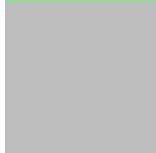
56.0663, 0.2882, 0.3405

Monochromacy



Original Color

56.2253, 0.3087, 0.4002



Achromatopsia

50.8881, 0.3127, 0.3290



Achromatomaly

52.4940, 0.3108, 0.3536

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.2253, 0.3087, 0.4002 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(157, 211, 158)` looks like.

```
.text, #text, p{  
    color:rgb(157, 211, 158)  
}
```

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(157, 211, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 211, 158) }
```

Border

The CSS property to change the border of an element to Yxy 56.2253, 0.3087, 0.4002 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(157, 211, 158) }
```

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

```
.border{ border-color:rgb(157, 211, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 211, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 211, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 211, 158);  
box-shadow:4px 4px 4px 4px rgb(157, 211,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 56.2253, 0.3087, 0.4002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 211, 158) }
```

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

```
.background{ background-color: rgb(157,  
211, 158) }
```

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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