

Converting Colors

$Yxy(57.1303, 0.3276, 0.3986)$

Have a look what the booklet for
Yxy(57.1303, 0.3276, 0.3986)
contains.

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Color

Yxy(56.9098, 0.3275, 0.3987)

Conversions

Conversions Part 1

Format	Color
Hex	B2D09A
RGB	178, 208, 154
RGB Percent	70%, 82%, 60%
CMY	0.3020, 0.1843, 0.3962
CMYK	0.14, 0.00, 0.26, 0.18
HSL	93°, 37%, 71%
HSV	93°, 26%, 82%
XYZ	46.7468, 56.9098, 39.0818
YIQ	192.8740, -0.5460, -23.1540

Conversions

Conversions Part 2

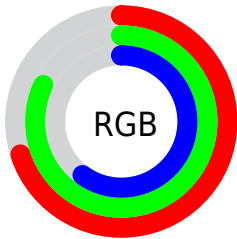
Format	Color
RYB	154, 208, 184
Decimal	11718810
CIELab	80.13, -19.67, 23.60
CIElCh	80, 30.727, 129.808
Yxy	56.9098, 0.3275, 0.3987
Android (android.graphics.Color)	4289908890 (0xFFB2D09A)
YUV	192.8740, -19.1649, -13.0445
Hunter-Lab	75.4386, -21.4069, 22.0912

Details

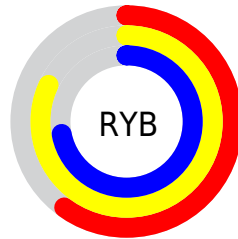
The Yxy color **56.9098, 0.3275, 0.3987** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **37.8463, 0.2939, 0.2605**, and the grayscale version is **53.3655, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.6159, 0.3262, 0.3761**, and **28.4504, 0.3301, 0.4181** is the 20% darker color. If you saturate the color by 10%, you get **54.9688, 0.3324, 0.4287**, and if you desaturate by 10%, it is **59.0910, 0.3220, 0.3702**.

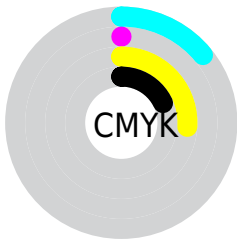
Distribution



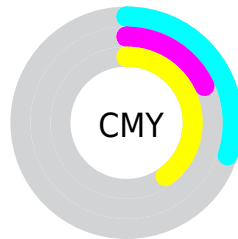
- Red (70%)
- Green (82%)
- Blue (60%)



- Red (60%)
- Yellow (82%)
- Blue (72%)



- Cyan (14%)
- Magenta (0%)
- Yellow (26%)
- Black (18%)





- Cyan (30%)
- Magenta (18%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.9098, 0.3275, 0.3987 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 56.9098, 0.3275, 0.3987 by changing the saturation by 10% instead.


 56.9098, 0.3275,
0.3987

 56.9098, 0.3275,
0.3987

413.1112, 0.3210,
0.3639

 40.9328, 0.3288,
0.4073

 100.3336, 0.3254,
0.3861

 28.2666, 0.3303,
0.4184


 128.5491, 0.3245,
0.3813

 18.5267, 0.3320,
0.4329


161.6130, 0.3238,
0.3773

 11.3288, 0.3338,
0.4530

199.9097, 0.3231,
0.3739

 6.2884, 0.3353,
0.4822

243.8234, 0.3225,
0.3709

 3.0213, 0.3352,
0.5289

293.7386, 0.3220,

 1.1428, 0.3388,

0.3683

0.6612

350.0398, 0.3215,
0.3659

■ 0.0143, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 56.9098, 0.3275,
0.3987

■ 56.9098, 0.3275,
0.3987

■ 54.9688, 0.3324,
0.4287

■ 59.0910, 0.3220,
0.3702

■ 53.2514, 0.3365,
0.4594

■ 61.5133, 0.3162,
0.3437

■ 51.7506, 0.3391,
0.4894

■ 64.1873, 0.3104,
0.3196

■ 50.4557, 0.3401,
0.5173

■ 67.1206, 0.3047,
0.2978

■ 49.3552, 0.3390,
0.5413

■ 70.1270, 0.3012,
0.2811

■ 48.4359, 0.3359,
0.5601

■ 72.1662, 0.3094,
0.2823

■ 47.6821, 0.3310,
0.5730

■ 73.5950, 0.3149,
0.2831

■ 47.4153, 0.3289,
0.5771

Harmonies

Analogous

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



56.9098, 0.3646, 0.3985



56.9098, 0.3275, 0.3987



56.9098, 0.2880, 0.3762

Triad

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



56.9098, 0.3275, 0.3987



56.9098, 0.2415, 0.2746



56.9098, 0.3713, 0.3161

Complementary

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



56.9098, 0.3275, 0.3987



37.8463, 0.2939, 0.2605

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.



56.9098, 0.3347, 0.2878



56.9098, 0.3275, 0.3987



56.9098, 0.2605, 0.2640

Square

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



56.9098, 0.3275, 0.3987



56.9098, 0.2400, 0.3011



56.9098, 0.2940, 0.2691



56.9098, 0.3914, 0.3487

Rectangle

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



56.9098, 0.3275, 0.3987



56.9098, 0.2655, 0.3520



56.9098, 0.2940, 0.2691



56.9098, 0.3604, 0.3059

Sweetspot

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



56.9123, 0.3275, 0.3987



96.6692, 0.3174, 0.3491



49.8969, 0.3586, 0.3657



20.5634, 0.3183, 0.3531



0.0000, 0.0000, 0.0000



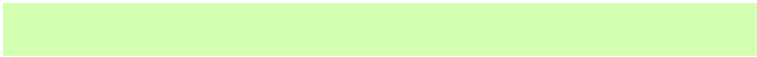
21.4041, 0.3127, 0.3290

Same Dimension

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



56.9123, 0.3275, 0.3987



88.5158, 0.3303, 0.4148



54.4061, 0.3075, 0.3989



13.4598, 0.3182, 0.3526



29.6051, 0.3299, 0.5763



1.7020, 0.3444, 0.5647

Inverse Universe

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



37.8463, 0.2939, 0.2605



53.4438, 0.2890, 0.2451



40.9370, 0.3181, 0.2678



11.7367, 0.3068, 0.3056



5.1901, 0.2142, 0.0954



0.3369, 0.2331, 0.1058

Previews

White Background



This preview shows how the Yxy color 56.9098, 0.3275, 0.3987 looks on a white background.

Color Contrast Check

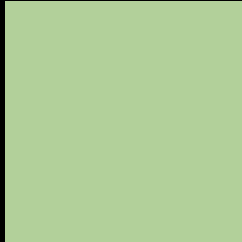
Large Text (above 18pt) WCAG AA × Fail

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 56.9098, 0.3275, 0.3987 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

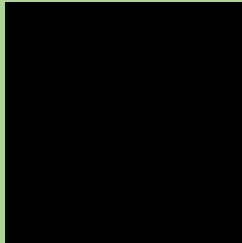
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.9098, 0.3275, 0.3987

Background



This preview shows how black text looks on a background with the Yxy color 56.9098, 0.3275, 0.3987.



This preview shows how white text looks on a background with the Yxy color 56.9098, 0.3275, 0.3987.

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

56.9098, 0.3275, 0.3987

Protanopia

56.5551, 0.3617, 0.3876

Deuteranopia

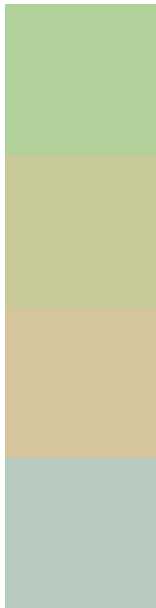
56.2845, 0.3736, 0.3655



Tritanopia

56.8312, 0.2918, 0.3097

Trichromacy



Original Color

56.9098, 0.3275, 0.3987

Protanomaly

56.7548, 0.3488, 0.3918

Deuteranomaly

56.3639, 0.3558, 0.3769

Tritanomaly

56.7525, 0.3053, 0.3414

Monochromacy



Original Color

56.9098, 0.3275, 0.3987

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

54.3342, 0.3187, 0.3529

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.9098, 0.3275, 0.3987 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(178, 208, 154)` looks like.

```
.text, #text, p{  
    color:rgb(178, 208, 154)  
}
```

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(178, 208, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 208, 154) }
```

Border

The CSS property to change the border of an element to Yxy 56.9098, 0.3275, 0.3987 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(178, 208, 154) }
```

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

```
.border{ border-color:rgb(178, 208, 154) }
```

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

Here you see how a box with a 4 pixel rgb(178, 208, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 208, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 208, 154);  
box-shadow:4px 4px 4px 4px rgb(178, 208,  
154) }
```


Background

The CSS property to change the background color of an element to Yxy 56.9098, 0.3275, 0.3987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 208, 154) }
```

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

```
.background{ background-color: rgb(178,  
208, 154) }
```

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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