

Converting Colors

Yxy(56.6330, 0.3403, 0.4116)

Have a look what the booklet for
Yxy(56.6330, 0.3403, 0.4116)
contains.

Yxy(56.7690, 0.3408, 0.4120)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(56.7690, 0.3408, 0.4120)

Conversions

Conversions Part 1

Format	Color
Hex	B8CF8E
RGB	184, 207, 142
RGB Percent	72%, 81%, 56%
CMY	0.2785, 0.1882, 0.4433
CMYK	0.11, 0.00, 0.31, 0.19
HSL	81°, 40%, 68%
HSV	81°, 31%, 81%
XYZ	46.9584, 56.7690, 34.0614
YIQ	192.7130, 7.1570, -25.0910

Conversions

Conversions Part 2

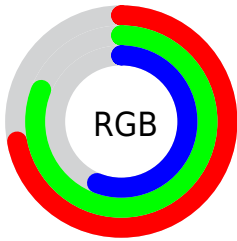
Format	Color
RYB	142, 207, 165
Decimal	12111758
CIELab	80.05, -18.74, 29.83
CIELCh	80, 35.229, 122.128
Yxy	56.7690, 0.3408, 0.4120
Android (android.graphics.Color)	4290301838 (0xFFB8CF8E)
YUV	192.7130, -25.0015, -7.6413
Hunter-Lab	75.3452, -20.6051, 25.9383

Details

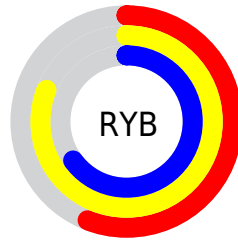
The Yxy color **56.7690, 0.3408, 0.4120** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **31.8413, 0.2771, 0.2420**, and the grayscale version is **53.2962, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.2063, 0.3384, 0.3888**, and **28.2836, 0.3462, 0.4355** is the 20% darker color. If you saturate the color by 10%, you get **55.3249, 0.3487, 0.4401**, and if you desaturate by 10%, it is **58.3804, 0.3321, 0.3842**.

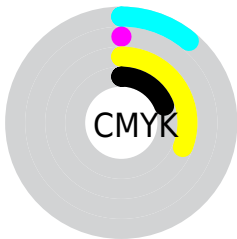
Distribution



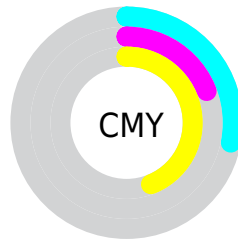
- Red (72%)
- Green (81%)
- Blue (56%)



- Red (56%)
- Yellow (81%)
- Blue (65%)



- Cyan (11%)
- Magenta (0%)
- Yellow (31%)
- Black (19%)





- Cyan (28%)
- Magenta (19%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.7690, 0.3408, 0.4120 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 56.7690, 0.3408, 0.4120 by changing the saturation by 10% instead.


 56.7690, 0.3408,
0.4120

 56.7690, 0.3408,
0.4120


412.5832, 0.3282,
0.3707

 40.8198, 0.3435,
0.4222


 100.1281, 0.3366,
0.3971

 28.1783, 0.3466,
0.4351


 128.3067, 0.3349,
0.3914

 18.4601, 0.3502,
0.4520


161.3306, 0.3334,
0.3867

 11.2808, 0.3543,
0.4749

199.5842, 0.3321,
0.3826

 6.2561, 0.3582,
0.5074

243.4519, 0.3310,
0.3790

 3.0014, 0.3680,
0.5692

293.3180, 0.3299,

 1.1325, 0.3464,

0.3759

0.6536

349.5669, 0.3290,
0.3731

■ 0.0055, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 56.7690, 0.3408,
0.4120

■ 56.7690, 0.3408,
0.4120

■ 55.3249, 0.3487,
0.4401

■ 58.3804, 0.3321,
0.3842

■ 54.0336, 0.3554,
0.4675

■ 60.1583, 0.3231,
0.3575

■ 52.8897, 0.3603,
0.4930

■ 62.1113, 0.3140,
0.3324

■ 51.8848, 0.3631,
0.5153

■ 64.2452, 0.3051,
0.3092

■ 51.0090, 0.3634,
0.5332

■ 66.5656, 0.2967,
0.2880

■ 50.2509, 0.3613,
0.5462

■ 68.3368, 0.2957,
0.2793

■ 49.6771, 0.3580,
0.5539

■ 69.5605, 0.3008,
0.2801

■ 70.8355, 0.3060,
0.2808

■ 72.1626, 0.3113,
0.2816

Harmonies

Analogous

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



56.7690, 0.3807, 0.4044



56.7690, 0.3408, 0.4120



56.7690, 0.2951, 0.3926

Triad

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



56.7690, 0.3408, 0.4120



56.7690, 0.2295, 0.2727



56.7690, 0.3705, 0.3051

Complementary

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



56.7690, 0.3408, 0.4120



31.8413, 0.2771, 0.2420

Split Complementary

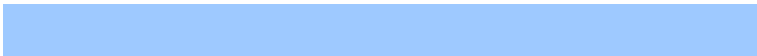
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



56.7690, 0.3256, 0.2756



56.7690, 0.3408, 0.4120



56.7690, 0.2460, 0.2564

Square

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



56.7690, 0.3408, 0.4120



56.7690, 0.2329, 0.3066



56.7690, 0.2801, 0.2581



56.7690, 0.3996, 0.3412

Rectangle

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



56.7690, 0.3408, 0.4120



56.7690, 0.2677, 0.3668



56.7690, 0.2801, 0.2581



56.7690, 0.3565, 0.2943

Sweetspot

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



56.7715, 0.3408, 0.4120



97.1007, 0.3210, 0.3516



42.0335, 0.3749, 0.3579



20.6880, 0.3223, 0.3553



0.0000, 0.0000, 0.0000



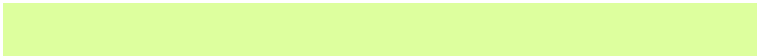
21.4041, 0.3127, 0.3290

Same Dimension

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



56.7715, 0.3408, 0.4120



89.3173, 0.3465, 0.4318



53.2317, 0.3155, 0.4189



13.5796, 0.3212, 0.3523



31.3501, 0.3588, 0.5533



1.7964, 0.3701, 0.5444

Inverse Universe

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



31.8413, 0.2771, 0.2420



42.9665, 0.2670, 0.2201



35.7474, 0.3070, 0.2493



11.6183, 0.3036, 0.3054



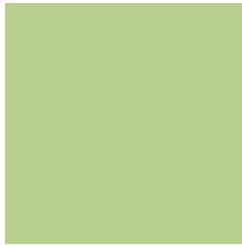
3.7858, 0.1781, 0.0755



0.2556, 0.1990, 0.0870

Previews

White Background



This preview shows how the Yxy color 56.7690, 0.3408, 0.4120 looks on a white background.

Color Contrast Check

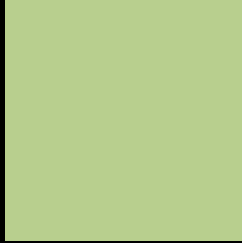
Large Text (above 18pt) WCAG AA × Fail

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 56.7690, 0.3408, 0.4120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

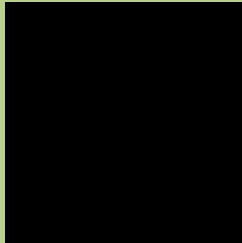
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.7690, 0.3408, 0.4120

Background



This preview shows how black text looks on a background with the Yxy color 56.7690, 0.3408, 0.4120.



This preview shows how white text looks on a background with the Yxy color 56.7690, 0.3408, 0.4120.

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

56.7690, 0.3408, 0.4120

Protanopia

56.5193, 0.3719, 0.4002

Deuteranopia

56.3947, 0.3862, 0.3786



Tritanopia

56.7125, 0.2983, 0.3099

Trichromacy



Original Color

56.7690, 0.3408, 0.4120

Protanomaly

56.3339, 0.3605, 0.4048

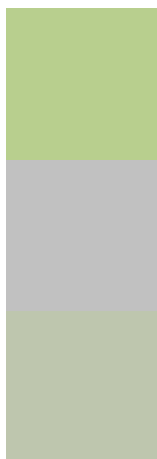
Deuteranomaly

56.1231, 0.3689, 0.3894

Tritanomaly

56.3513, 0.3135, 0.3451

Monochromacy



Original Color

56.7690, 0.3408, 0.4120

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

54.3913, 0.3241, 0.3592

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.7690, 0.3408, 0.4120 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(184, 207, 142)` looks like.

```
.text, #text, p{  
    color:rgb(184, 207, 142)  
}
```

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(184, 207, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 207, 142) }
```

Border

The CSS property to change the border of an element to Yxy 56.7690, 0.3408, 0.4120 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(184, 207, 142) }
```

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

```
.border{ border-color:rgb(184, 207, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 207, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 207, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 207, 142);  
box-shadow:4px 4px 4px 4px rgb(184, 207,  
142) }
```


Background

The CSS property to change the background color of an element to Yxy 56.7690, 0.3408, 0.4120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 207, 142) }
```

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

```
.background{ background-color: rgb(184,  
207, 142) }
```

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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