

Converting Colors

Yxy(56.4788, 0.3419, 0.4010)

Have a look what the booklet for
Yxy(56.4788, 0.3419, 0.4010)
contains.

Yxy(56.6196, 0.3411, 0.4010)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(56.6196, 0.3411, 0.4010)

Conversions

Conversions Part 1

Format	Color
Hex	BDCD94
RGB	189, 205, 148
RGB Percent	74%, 80%, 58%
CMY	0.2589, 0.1961, 0.4195
CMYK	0.08, 0.00, 0.28, 0.20
HSL	77°, 36%, 69%
HSV	77°, 28%, 80%
XYZ	48.1620, 56.6196, 36.4145
YIQ	193.7180, 8.7610, -21.1190

Conversions

Conversions Part 2

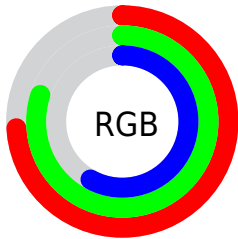
Format	Color
R_{YB}	148, 205, 164
Decimal	12438932
CIE _{Lab}	79.97, -15.02, 26.63
CIE _{LCh}	80, 30.577, 119.428
Yxy	56.6196, 0.3411, 0.4010
Android (android.graphics.Color)	4290629012 (0xFFBDCD94)
YUV	193.7180, -22.5390, -4.1377
Hunter-Lab	75.2460, -17.4298, 23.9795

Details

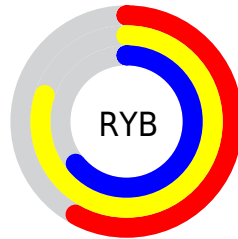
The Yxy color **56.6196, 0.3411, 0.4010** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **33.4904, 0.2783, 0.2524**, and the grayscale version is **53.9062, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.3771, 0.3382, 0.3821**, and **28.1472, 0.3471, 0.4209** is the 20% darker color. If you saturate the color by 10%, you get **55.3069, 0.3506, 0.4283**, and if you desaturate by 10%, it is **58.0815, 0.3310, 0.3741**.

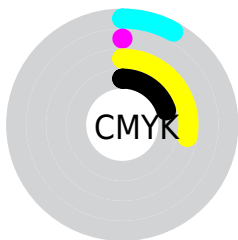
Distribution



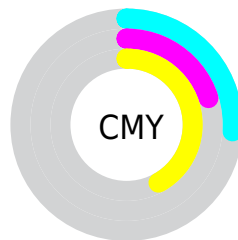
- Red (74%)
- Green (80%)
- Blue (58%)



- Red (58%)
- Yellow (80%)
- Blue (64%)



- Cyan (8%)
- Magenta (0%)
- Yellow (28%)
- Black (20%)





- Cyan (26%)
- Magenta (20%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.6196, 0.3411, 0.4010 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 56.6196, 0.3411, 0.4010 by changing the saturation by 10% instead.


 56.6196, 0.3411,
0.4010

 56.6196, 0.3411,
0.4010


412.0224, 0.3281,
0.3653

 40.6999, 0.3440,
0.4097


 99.9099, 0.3366,
0.3881

 28.0847, 0.3474,
0.4209


 128.0493, 0.3349,
0.3833

 18.3895, 0.3516,
0.4354


161.0308, 0.3334,
0.3791

 11.2300, 0.3567,
0.4552


199.2387, 0.3320,
0.3756

 6.2217, 0.3626,
0.4833

243.0574, 0.3309,
0.3725

 2.9804, 0.3718,
0.5311

292.8713, 0.3298,

 1.1215, 0.3781,

0.3698

0.6219

349.0648, 0.3289,
0.3674

0.0000, 0.0000,
0.0000

56.6196, 0.3411,
0.4010

56.6196, 0.3411,
0.4010

55.3069, 0.3506,
0.4283

58.0815, 0.3310,
0.3741

54.1297, 0.3591,
0.4550

59.6911, 0.3207,
0.3482

53.0833, 0.3660,
0.4800

61.4565, 0.3105,
0.3238

52.1601, 0.3709,
0.5021


63.3830, 0.3007,
0.3012

51.3514, 0.3733,
0.5202


65.4755, 0.2914,
0.2805

 50.6472, 0.3732,
0.5337

 66.6633, 0.2926,
0.2767

 50.0329, 0.3708,
0.5426

 67.5973, 0.2966,
0.2773

 49.9047, 0.3701,
0.5443

 68.5628, 0.3007,
0.2780

 69.5600, 0.3048,
0.2786

Harmonies

Analogous

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



56.6196, 0.3747, 0.3933



56.6196, 0.3411, 0.4010



56.6196, 0.3013, 0.3861

Triad

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



56.6196, 0.3411, 0.4010



56.6196, 0.2391, 0.2823



56.6196, 0.3598, 0.3056

Complementary

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



56.6196, 0.3411, 0.4010



33.4904, 0.2783, 0.2524

Split Complementary

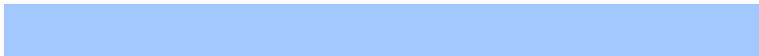
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



56.6196, 0.3204, 0.2802



56.6196, 0.3411, 0.4010



56.6196, 0.2523, 0.2660

Square

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



56.6196, 0.3411, 0.4010



56.6196, 0.2439, 0.3133



56.6196, 0.2812, 0.2658



56.6196, 0.3866, 0.3373

Rectangle

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



56.6196, 0.3411, 0.4010



56.6196, 0.2767, 0.3650



56.6196, 0.2812, 0.2658



56.6196, 0.3474, 0.2962

Sweetspot

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



56.6221, 0.3411, 0.4010



97.6837, 0.3210, 0.3489



41.3900, 0.3676, 0.3485



20.8191, 0.3225, 0.3528



0.0000, 0.0000, 0.0000



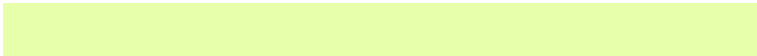
21.4041, 0.3127, 0.3290

Same Dimension

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



56.6221, 0.3411, 0.4010



91.5015, 0.3466, 0.4164



53.4146, 0.3190, 0.4063



12.9321, 0.3223, 0.3522



31.1151, 0.3708, 0.5437



1.6421, 0.3807, 0.5359

Inverse Universe

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



33.4904, 0.2783, 0.2524



47.8251, 0.2698, 0.2347



36.7626, 0.3035, 0.2578



10.9941, 0.3025, 0.3053



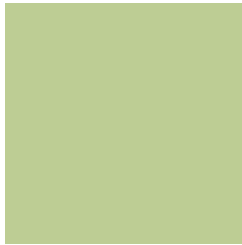
3.3386, 0.1686, 0.0702



0.2110, 0.1902, 0.0821

Previews

White Background



This preview shows how the Yxy color 56.6196, 0.3411, 0.4010 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 56.6196, 0.3411, 0.4010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

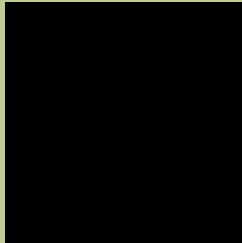
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

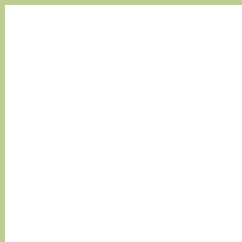
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.6196, 0.3411, 0.4010

Background



This preview shows how black text looks on a background with the Yxy color 56.6196, 0.3411, 0.4010.



This preview shows how white text looks on a background with the Yxy color 56.6196, 0.3411, 0.4010.

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

56.6196, 0.3411, 0.4010

Protanopia

56.5786, 0.3656, 0.3922

Deuteranopia

56.3849, 0.3812, 0.3731



Tritanopia

56.6917, 0.3027, 0.3112

Trichromacy



Original Color

56.6196, 0.3411, 0.4010

Protanomaly

56.6860, 0.3562, 0.3961

Deuteranomaly

55.9839, 0.3662, 0.3823

Tritanomaly

56.5848, 0.3168, 0.3424

Monochromacy



Original Color

56.6196, 0.3411, 0.4010

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

54.7690, 0.3235, 0.3552

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.6196, 0.3411, 0.4010 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(189, 205, 148)` looks like.

```
.text, #text, p{  
    color:rgb(189, 205, 148)  
}
```

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(189, 205, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 205, 148) }
```

Border

The CSS property to change the border of an element to Yxy 56.6196, 0.3411, 0.4010 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(189, 205, 148) }
```

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

```
.border{ border-color:rgb(189, 205, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 205, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 205, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 205, 148);  
box-shadow:4px 4px 4px 4px rgb(189, 205,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 56.6196, 0.3411, 0.4010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 205, 148) }
```

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

```
.background{ background-color: rgb(189,  
205, 148) }
```

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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