

Converting Colors

Yxy(56.1419, 0.3296, 0.4033)

Have a look what the booklet for
Yxy(56.1419, 0.3296, 0.4033)
contains.

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Color

Yxy(56.1748, 0.3296, 0.4030)

Conversions

Conversions Part 1

Format	Color
Hex	B1CF96
RGB	177, 207, 150
RGB Percent	69%, 81%, 59%
CMY	0.3060, 0.1882, 0.4118
CMYK	0.15, 0.00, 0.28, 0.19
HSL	92°, 37%, 70%
HSV	92°, 28%, 81%
XYZ	45.9435, 56.1748, 37.2733
YIQ	191.5320, 0.4170, -24.0870

Conversions

Conversions Part 2

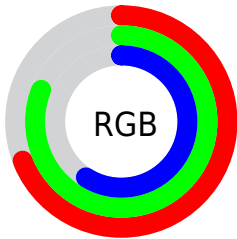
Format	Color
RYB	150, 207, 180
Decimal	11653014
CIELab	79.71, -20.15, 25.11
CIELCh	80, 32.202, 128.747
Yxy	56.1748, 0.3296, 0.4030
Android (android.graphics.Color)	4289843094 (0xFFB1CF96)
YUV	191.5320, -20.4753, -12.7446
Hunter-Lab	74.9498, -21.7436, 22.9794

Details

The Yxy color **56.1748, 0.3296, 0.4030** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **36.0256, 0.2911, 0.2558**, and the grayscale version is **52.5445, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.2033, 0.3285, 0.3814**, and **27.9684, 0.3328, 0.4240** is the 20% darker color. If you saturate the color by 10%, you get **54.3382, 0.3349, 0.4329**, and if you desaturate by 10%, it is **58.2365, 0.3237, 0.3744**.

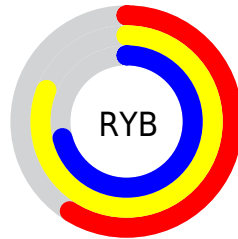
Distribution



Red (69%)

Green (81%)

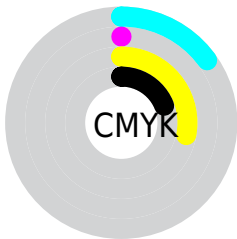
Blue (59%)



Red (59%)

Yellow (81%)

Blue (71%)

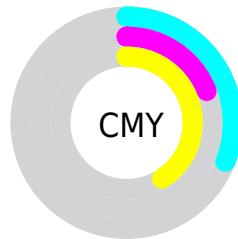


Cyan (15%)

Magenta (0%)

Yellow (28%)

Black (19%)



Cyan (31%)

Magenta (19%)

Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.1748, 0.3296, 0.4030 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 56.1748, 0.3296, 0.4030 by changing the saturation by 10% instead.


 56.1748, 0.3296,
0.4030

 56.1748, 0.3296,
0.4030


410.3499, 0.3222,
0.3659

 40.3431, 0.3311,
0.4122


 99.2601, 0.3272,
0.3896

 27.8061, 0.3328,
0.4240


 127.2825, 0.3262,
0.3845

 18.1796, 0.3348,
0.4395


160.1372, 0.3253,
0.3802

 11.0790, 0.3368,
0.4610

198.2087, 0.3245,
0.3765

 6.1200, 0.3384,
0.4921

241.8813, 0.3239,
0.3734

 2.9182, 0.3397,
0.5445

291.5395, 0.3232,

 1.0892, 0.3273,

0.3706

0.6727

347.5675, 0.3227,
0.3681

0.0000, 0.0000,
0.0000

56.1748, 0.3296,
0.4030

56.1748, 0.3296,
0.4030

54.3382, 0.3349,
0.4329

58.2365, 0.3237,
0.3744

52.7109, 0.3392,
0.4632

60.5240, 0.3175,
0.3477

51.2859, 0.3420,
0.4925


63.0473, 0.3112,
0.3232

50.0532, 0.3430,
0.5194

65.8137, 0.3050,
0.3010

49.0018, 0.3420,
0.5422


68.8301, 0.2991,
0.2811


 48.1187, 0.3388,
0.5598

 70.8037, 0.3059,
0.2808

 47.3872, 0.3338,
0.5717

 72.7964, 0.3137,
0.2820

 47.2246, 0.3325,
0.5742

 73.1120, 0.3149,
0.2821

Harmonies

Analogous

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



56.1748, 0.3683, 0.4017



56.1748, 0.3296, 0.4030



56.1748, 0.2880, 0.3800

Triad

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



56.1748, 0.3296, 0.4030



56.1748, 0.2376, 0.2725



56.1748, 0.3732, 0.3142

Complementary

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



56.1748, 0.3296, 0.4030



36.0256, 0.2911, 0.2558

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.



56.1748, 0.3343, 0.2849



56.1748, 0.3296, 0.4030



56.1748, 0.2569, 0.2609

Square

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



56.1748, 0.3296, 0.4030



56.1748, 0.2367, 0.3007



56.1748, 0.2915, 0.2658



56.1748, 0.3952, 0.3483

Rectangle

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



56.1748, 0.3296, 0.4030



56.1748, 0.2642, 0.3546



56.1748, 0.2915, 0.2658



56.1748, 0.3615, 0.3036

Sweetspot

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



56.1772, 0.3296, 0.4030



96.7729, 0.3178, 0.3491



47.8922, 0.3624, 0.3658



20.5894, 0.3188, 0.3531



0.0000, 0.0000, 0.0000



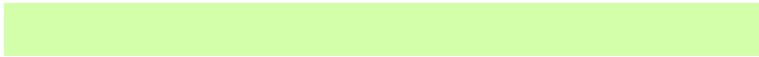
21.4041, 0.3127, 0.3290

Same Dimension

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



56.1772, 0.3296, 0.4030



88.2528, 0.3328, 0.4204



53.3484, 0.3084, 0.4065



13.4765, 0.3186, 0.3525



29.8048, 0.3335, 0.5734



1.7136, 0.3478, 0.5620

Inverse Universe

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



36.0256, 0.2911, 0.2558



50.7656, 0.2853, 0.2387



39.5382, 0.3168, 0.2621



11.7198, 0.3063, 0.3056



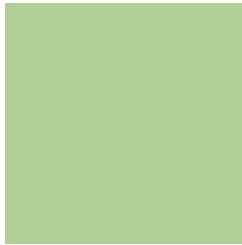
4.9467, 0.2083, 0.0921



0.3236, 0.2279, 0.1029

Previews

White Background



This preview shows how the Yxy color 56.1748, 0.3296, 0.4030 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 56.1748, 0.3296, 0.4030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

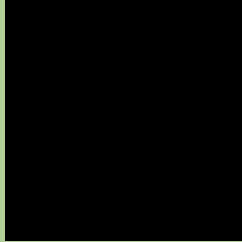
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.1748, 0.3296, 0.4030

Background



This preview shows how black text looks on a background with the Yxy color 56.1748, 0.3296, 0.4030.

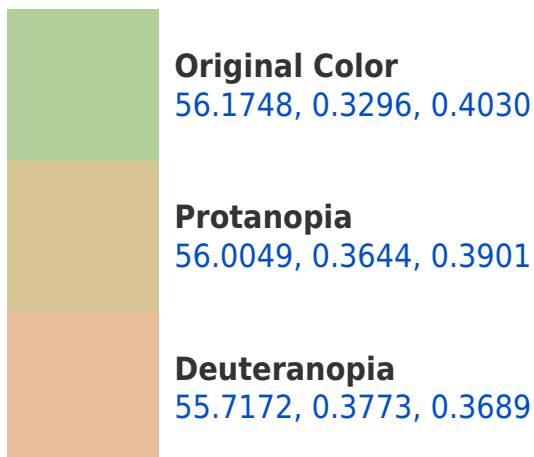


This preview shows how white text looks on a background with the Yxy color 56.1748, 0.3296, 0.4030.

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

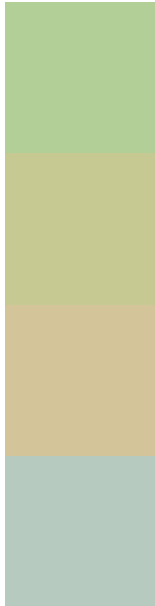




Tritanopia

56.2667, 0.2931, 0.3109

Trichromacy



Original Color

56.1748, 0.3296, 0.4030

Protanomaly

56.0220, 0.3512, 0.3958

Deuteranomaly

55.6286, 0.3583, 0.3808

Tritanomaly

56.0699, 0.3060, 0.3427

Monochromacy



Original Color

56.1748, 0.3296, 0.4030

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

53.6716, 0.3195, 0.3543

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.1748, 0.3296, 0.4030 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(177, 207, 150)` looks like.

```
.text, #text, p{  
    color:rgb(177, 207, 150)  
}
```

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(177, 207, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 207, 150) }
```

Border

The CSS property to change the border of an element to Yxy 56.1748, 0.3296, 0.4030 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(177, 207, 150) }
```

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

```
.border{ border-color:rgb(177, 207, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 207, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 207, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 207, 150);  
box-shadow:4px 4px 4px 4px rgb(177, 207,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 56.1748, 0.3296, 0.4030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 207, 150) }
```

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

```
.background{ background-color: rgb(177,  
207, 150) }
```

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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