

Converting Colors

$Yxy(57.0147, 0.3642, 0.4567)$

Have a look what the booklet for
Yxy(57.0147, 0.3642, 0.4567)
contains.

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Color

Yxy(56.9558, 0.3644, 0.4571)

Conversions

Conversions Part 1

Format	Color
Hex	B9D16A
RGB	185, 209, 106
RGB Percent	73%, 82%, 42%
CMY	0.2746, 0.1803, 0.5842
CMYK	0.12, 0.00, 0.49, 0.18
HSL	74°, 53%, 62%
HSV	74°, 49%, 82%
XYZ	45.4051, 56.9558, 22.2415
YIQ	190.0820, 18.7590, -37.1210

Conversions

Conversions Part 2

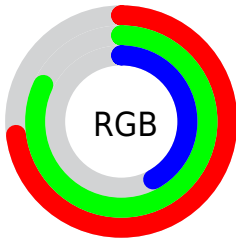
Format	Color
R _{YB}	106, 209, 130
Decimal	12177770
CIE _{Lab}	80.15, -23.60, 48.00
CIE _{LCh}	80, 53.483, 116.180
Y _{xy}	56.9558, 0.3644, 0.4571
Android (android.graphics.Color)	4290367850 (0xFFB9D16A)
YUV	190.0820, -41.4524, -4.4569
Hunter-Lab	75.4691, -24.6783, 35.3549

Details

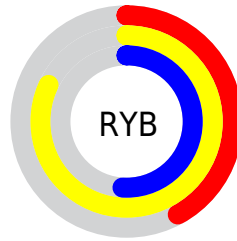
The Yxy color **56.9558, 0.3644, 0.4571** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **19.6676, 0.2390, 0.1816**, and the grayscale version is **51.7773, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.0779, 0.3612, 0.4257**, and **28.4549, 0.3730, 0.4915** is the 20% darker color. If you saturate the color by 10%, you get **55.9787, 0.3719, 0.4809**, and if you desaturate by 10%, it is **58.0648, 0.3552, 0.4313**.

Distribution



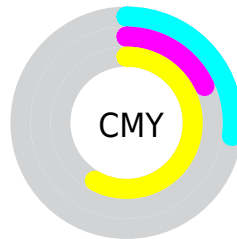
- Red (73%)
- Green (82%)
- Blue (42%)



- Red (42%)
- Yellow (82%)
- Blue (51%)



- Cyan (12%)
- Magenta (0%)
- Yellow (49%)
- Black (18%)




- Cyan (27%)
- Magenta (18%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.9558, 0.3644, 0.4571 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 56.9558, 0.3644, 0.4571 by changing the saturation by 10% instead.


 56.9558, 0.3644,
0.4571

 56.9558, 0.3644,
0.4571

413.2837, 0.3423,
0.3939

 40.9698, 0.3685,
0.4721


 100.4007, 0.3574,
0.4346


 28.2955, 0.3729,
0.4907


 128.6283, 0.3544,
0.4260

 18.5485, 0.3771,
0.5141


 161.7053, 0.3518,
0.4187

 11.3445, 0.3801,
0.5440

 200.0160, 0.3495,
0.4123

 6.2990, 0.3839,
0.5899

243.9447, 0.3474,
0.4068

 3.0278, 0.3674,
0.6326

293.8760, 0.3455,

 1.1462, 0.3005,

0.4020

0.6995

350.1942, 0.3438,
0.3977

■ 0.0171, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 56.9558, 0.3644,
0.4571

■ 56.9558, 0.3644,
0.4571

■ 55.9787, 0.3719,
0.4809

■ 58.0648, 0.3552,
0.4313

■ 55.1179, 0.3772,
0.5015


■ 59.3052, 0.3450,
0.4045


■ 54.3667, 0.3801,
0.5179


■ 60.6863, 0.3340,
0.3778


■ 53.7144, 0.3803,
0.5298

■ 62.2143, 0.3229,
0.3519

 53.1430, 0.3784,
0.5374


 63.8949, 0.3119,
0.3273

 53.1031, 0.3783,
0.5379

 65.7335, 0.3013,
0.3043

 67.7352, 0.2913,
0.2832

 68.6744, 0.2930,
0.2810

 69.4652, 0.2964,
0.2815

Harmonies

Analogous

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



56.9558, 0.4213, 0.4320



56.9558, 0.3644, 0.4571



56.9558, 0.2970, 0.4390

Triad

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



56.9558, 0.3644, 0.4571



56.9558, 0.1910, 0.2513



56.9558, 0.3875, 0.2835

Complementary

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



56.9558, 0.3644, 0.4571



19.6676, 0.2390, 0.1816

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.



56.9558, 0.3164, 0.2453



56.9558, 0.3644, 0.4571



56.9558, 0.2085, 0.2252

Square

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



56.9558, 0.3644, 0.4571



56.9558, 0.2003, 0.3049



56.9558, 0.2518, 0.2244



56.9558, 0.4391, 0.3325

Rectangle

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



56.9558, 0.3644, 0.4571



56.9558, 0.2552, 0.4013



56.9558, 0.2518, 0.2244



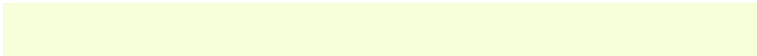
56.9558, 0.3646, 0.2692

Sweetspot

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



56.9584, 0.3644, 0.4571



96.1225, 0.3295, 0.3670



30.5776, 0.4337, 0.3595



20.4669, 0.3318, 0.3726



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.



56.9584, 0.3644, 0.4571



87.7276, 0.3721, 0.4818



51.6739, 0.3237, 0.4759



13.6528, 0.3231, 0.3522



32.7843, 0.3789, 0.5374



1.8677, 0.3867, 0.5312

Inverse Universe

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



19.6676, 0.2390, 0.1816



22.7785, 0.2198, 0.1481



24.8069, 0.2894, 0.2002



11.5490, 0.3018, 0.3052



3.2753, 0.1634, 0.0674



0.2202, 0.1823, 0.0778

Previews

White Background



This preview shows how the Yxy color 56.9558, 0.3644, 0.4571 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 56.9558, 0.3644, 0.4571 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

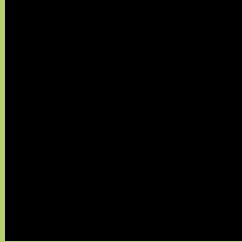
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.9558, 0.3644, 0.4571

Background



This preview shows how black text looks on a background with the Yxy color 56.9558, 0.3644, 0.4571.



This preview shows how white text looks on a background with the Yxy color 56.9558, 0.3644, 0.4571.

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

56.9558, 0.3644, 0.4571

Protanopia

56.8862, 0.4005, 0.4375

Deuteranopia

56.4201, 0.4211, 0.4118



Tritanopia

56.7424, 0.3020, 0.3101

Trichromacy



Original Color

56.9558, 0.3644, 0.4571

Protanomaly

56.9767, 0.3873, 0.4450

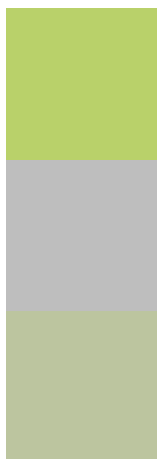
Deuteranomaly

55.9561, 0.4000, 0.4278

Tritanomaly

56.1667, 0.3261, 0.3626

Monochromacy



Original Color

56.9558, 0.3644, 0.4571

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

53.1271, 0.3339, 0.3777

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.9558, 0.3644, 0.4571 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(185, 209, 106)` looks like.

```
.text, #text, p{  
    color:rgb(185, 209, 106)  
}
```

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(185, 209, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 209, 106) }
```

Border

The CSS property to change the border of an element to Yxy 56.9558, 0.3644, 0.4571 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(185, 209, 106) }
```

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

```
.border{ border-color:rgb(185, 209, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 209, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 209, 106); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 209, 106); box-shadow:4px 4px 4px 4px rgb(185, 209, 106) }
```


Background

The CSS property to change the background color of an element to Yxy 56.9558, 0.3644, 0.4571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 209, 106) }
```

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

```
.background{ background-color: rgb(185,  
209, 106) }
```

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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