

Converting Colors

Yxy(56.6813, 0.3538, 0.3762)

Have a look what the booklet for
Yxy(56.6813, 0.3538, 0.3762)
contains.

Yxy(56.7057, 0.3539, 0.3770)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(56.7057, 0.3539, 0.3770)

Conversions

Conversions Part 1

Format	Color
Hex	D3C69E
RGB	211, 198, 158
RGB Percent	83%, 78%, 62%
CMY	0.1725, 0.2235, 0.3805
CMYK	0.00, 0.06, 0.25, 0.17
HSL	45°, 38%, 72%
HSV	45°, 25%, 83%
XYZ	53.2312, 56.7057, 40.4761
YIQ	197.3270, 20.5880, -9.6840

Conversions

Conversions Part 2

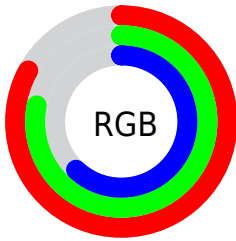
Format	Color
R _Y B	175, 211, 158
Decimal	13878942
CIE Lab	80.01, -1.71, 21.74
CIE LCh	80, 21.803, 94.502
Yxy	56.7057, 0.3539, 0.3770
Android (android.graphics.Color)	4292069022 (0xFFD3C69E)
YUV	197.3270, -19.3882, 11.9912
Hunter-Lab	75.3032, -5.6005, 20.8433

Details

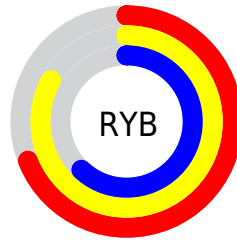
The Yxy color **56.7057, 0.3539, 0.3770** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **41.0927, 0.2713, 0.2759**, and the grayscale version is **56.1543, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.5841, 0.3376, 0.3701**, and **28.0550, 0.3650, 0.3896** is the 20% darker color. If you saturate the color by 10%, you get **53.7163, 0.3721, 0.3966**, and if you desaturate by 10%, it is **59.9058, 0.3366, 0.3574**.

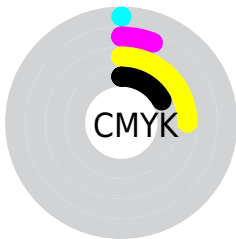
Distribution



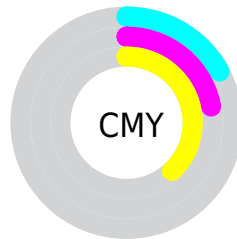
- Red (83%)
- Green (78%)
- Blue (62%)



- Red (69%)
- Yellow (83%)
- Blue (62%)



- Cyan (0%)
- Magenta (6%)
- Yellow (25%)
- Black (17%)



- Cyan (17%)
- Magenta (22%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.7057, 0.3539, 0.3770 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 56.7057, 0.3539, 0.3770 by changing the saturation by 10% instead.


 56.7057, 0.3539,
0.3770


 56.7057, 0.3539,
0.3770


412.3456, 0.3341,
0.3538

 40.7690, 0.3586,
0.3825


 100.0356, 0.3469,
0.3688

 28.1386, 0.3644,
0.3895


 128.1977, 0.3442,
0.3656

 18.4302, 0.3719,
0.3984


161.2036, 0.3419,
0.3629

 11.2593, 0.3818,
0.4103

199.4378, 0.3399,
0.3606

 6.2415, 0.3953,
0.4268

243.2848, 0.3382,
0.3586

 2.9925, 0.4146,
0.4509

293.1288, 0.3367,

 1.1278, 0.4758,

0.3568

0.5242

349.3542, 0.3353,
0.3552

0.0015, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

56.7057, 0.3539,
0.3770

56.7057, 0.3539,
0.3770

53.7163, 0.3721,
0.3966

59.9058, 0.3366,
0.3574

50.9229, 0.3908,
0.4154

63.3158, 0.3205,
0.3384

48.3203, 0.4094,
0.4325

66.9445, 0.3057,
0.3203

45.8999, 0.4271,
0.4468

70.7978, 0.2923,
0.3034

43.6524, 0.4430,
0.4574

74.3230, 0.2850,
0.2960

41.5668, 0.4564,
0.4635

77.1467, 0.2853,
0.3016

39.6301, 0.4667,
0.4647

80.0558, 0.2855,
0.3072

38.7308, 0.4711,
0.4642

83.0512, 0.2858,
0.3127

86.1334, 0.2861,
0.3181

Harmonies

Analogous

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



56.7057, 0.3681, 0.3621



56.7057, 0.3539, 0.3770



56.7057, 0.3288, 0.3789

Triad

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



56.7057, 0.3539, 0.3770



56.7057, 0.2614, 0.3142



56.7057, 0.3235, 0.2961

Complementary

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



56.7057, 0.3539, 0.3770



41.0927, 0.2713, 0.2759

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.



56.7057, 0.2948, 0.2840



56.7057, 0.3539, 0.3770



56.7057, 0.2600, 0.2930

Square

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



56.7057, 0.3539, 0.3770



56.7057, 0.2758, 0.3411



56.7057, 0.2719, 0.2826



56.7057, 0.3503, 0.3161

Rectangle

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



56.7057, 0.3539, 0.3770



56.7057, 0.3097, 0.3716



56.7057, 0.2719, 0.2826



56.7057, 0.3137, 0.2910

Sweetspot

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



56.7083, 0.3539, 0.3770



95.6030, 0.3251, 0.3440



41.2462, 0.3524, 0.3128



20.2912, 0.3275, 0.3468



0.0000, 0.0000, 0.0000



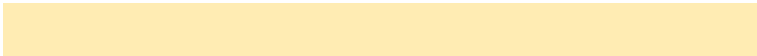
21.4041, 0.3127, 0.3290

Same Dimension

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



56.7083, 0.3539, 0.3770



84.6181, 0.3633, 0.3872



61.0368, 0.3398, 0.3936



13.2857, 0.3272, 0.3464



23.5383, 0.4701, 0.4649



1.4363, 0.4589, 0.4738

Inverse Universe

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



41.0927, 0.2713, 0.2759



56.7993, 0.2619, 0.2630



37.8342, 0.2807, 0.2601



11.8821, 0.2982, 0.3109



4.4446, 0.1581, 0.0889



0.3760, 0.1681, 0.1250

Previews

White Background



This preview shows how the Yxy color 56.7057, 0.3539, 0.3770 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 56.7057, 0.3539, 0.3770 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

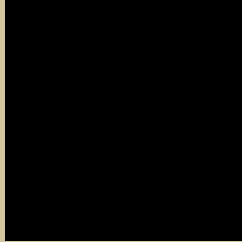
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

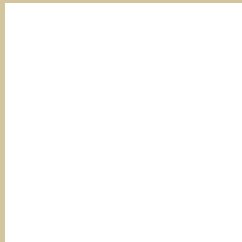
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.7057, 0.3539, 0.3770

Background



This preview shows how black text looks on a background with the Yxy color 56.7057, 0.3539, 0.3770.

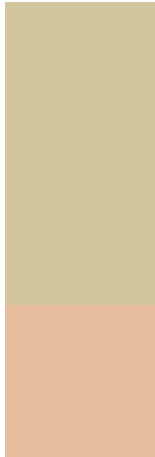


This preview shows how white text looks on a background with the Yxy color 56.7057, 0.3539, 0.3770.

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

56.7057, 0.3539, 0.3770

Protanopia

56.7057, 0.3539, 0.3770

Deuteranopia

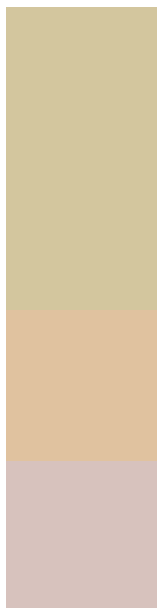
56.7537, 0.3725, 0.3654



Tritanopia

56.4695, 0.3225, 0.3119

Trichromacy



Original Color

56.7057, 0.3539, 0.3770

Protanomaly

56.7057, 0.3539, 0.3770

Deuteranomaly

56.9341, 0.3654, 0.3696

Tritanomaly

56.7048, 0.3337, 0.3349

Monochromacy



Original Color

56.7057, 0.3539, 0.3770

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

55.9080, 0.3272, 0.3460

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.7057, 0.3539, 0.3770 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(211, 198, 158)` looks like.

```
.text, #text, p{  
    color:rgb(211, 198, 158)  
}
```

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(211, 198, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 198, 158) }
```

Border

The CSS property to change the border of an element to Yxy 56.7057, 0.3539, 0.3770 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(211, 198, 158) }
```

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

```
.border{ border-color:rgb(211, 198, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 198, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 198, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 198, 158);  
box-shadow:4px 4px 4px 4px rgb(211, 198,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 56.7057, 0.3539, 0.3770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 198, 158) }
```

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

```
.background{ background-color: rgb(211,  
198, 158) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor