

Converting Colors

$Yxy(56.5321, 0.3539, 0.3937)$

Have a look what the booklet for
Yxy(56.5321, 0.3539, 0.3937)
contains.

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Color

Yxy(56.6079, 0.3539, 0.3938)

Conversions

Conversions Part 1

Format	Color
Hex	CBC994
RGB	203, 201, 148
RGB Percent	80%, 79%, 58%
CMY	0.2037, 0.2118, 0.4195
CMYK	0.00, 0.01, 0.27, 0.20
HSL	58°, 35%, 69%
HSV	58°, 27%, 80%
XYZ	50.8724, 56.6079, 36.2676
YIQ	195.5560, 18.2050, -16.0590

Conversions

Conversions Part 2

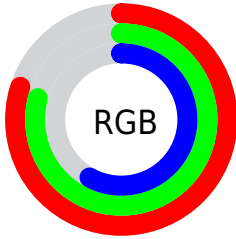
Format	Color
R _Y B	150, 203, 148
Decimal	13355412
CIE Lab	79.96, -7.65, 26.81
CIE LCh	80, 27.879, 105.933
Yxy	56.6079, 0.3539, 0.3938
Android (android.graphics.Color)	4291545492 (0xFFC994)
YUV	195.5560, -23.4451, 6.5284
Hunter-Lab	75.2382, -10.9740, 24.0868

Details

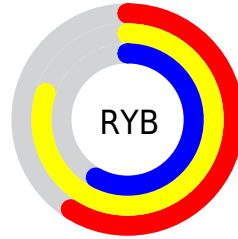
The Yxy color **56.6079, 0.3539, 0.3938** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **32.4505, 0.2663, 0.2548**, and the grayscale version is **55.0631, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.0443, 0.3442, 0.3810**, and **28.0264, 0.3635, 0.4107** is the 20% darker color. If you saturate the color by 10%, you get **55.6681, 0.3691, 0.4174**, and if you desaturate by 10%, it is **57.6673, 0.3384, 0.3696**.

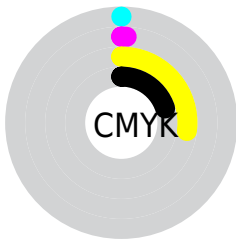
Distribution



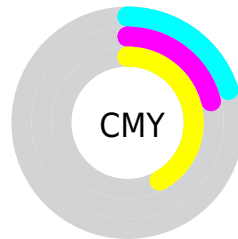
- Red (80%)
- Green (79%)
- Blue (58%)



- Red (59%)
- Yellow (80%)
- Blue (58%)



- Cyan (0%)
- Magenta (1%)
- Yellow (27%)
- Black (20%)



- Cyan (20%)
- Magenta (21%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.6079, 0.3539, 0.3938 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 56.6079, 0.3539, 0.3938 by changing the saturation by 10% instead.

 56.6079, 0.3539,
0.3938


 56.6079, 0.3539,
0.3938


411.9784, 0.3344,
0.3621

 40.6905, 0.3584,
0.4014

 99.8928, 0.3471,
0.3825

 28.0773, 0.3639,
0.4110


 128.0292, 0.3445,
0.3782

 18.3840, 0.3708,
0.4234

161.0073, 0.3422,
0.3745

 11.2260, 0.3796,
0.4400

199.2116, 0.3402,
0.3714

 6.2191, 0.3910,
0.4630

243.0265, 0.3385,
0.3686

 2.9787, 0.4093,
0.5013

292.8363, 0.3370,

 1.1206, 0.4345,

0.3662

0.5655

349.0255, 0.3356,
0.3640

0.0000, 0.0000,
0.0000

56.6079, 0.3539,
0.3938

56.6079, 0.3539,
0.3938

55.6681, 0.3691,
0.4174

57.6673, 0.3384,
0.3696

54.8345, 0.3835,
0.4395

58.8442, 0.3232,
0.3456

54.1031, 0.3965,
0.4591


60.1463, 0.3086,
0.3224

53.4668, 0.4075,
0.4753


61.5783, 0.2947,
0.3004

52.9176, 0.4160,
0.4875


63.1448, 0.2819,
0.2798

 52.4461, 0.4219,
0.4954

 63.8566, 0.2787,
0.2752

 52.0395, 0.4253,
0.4992

 64.2236, 0.2787,
0.2760

 51.9274, 0.4261,
0.4999

 64.5923, 0.2788,
0.2769

 64.9629, 0.2788,
0.2778

Harmonies

Analogous

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



56.6079, 0.3787, 0.3795



56.6079, 0.3539, 0.3938



56.6079, 0.3189, 0.3894

Triad

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



56.6079, 0.3539, 0.3938



56.6079, 0.2451, 0.2979



56.6079, 0.3403, 0.2961

Complementary

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



56.6079, 0.3539, 0.3938



32.4505, 0.2663, 0.2548

Split Complementary

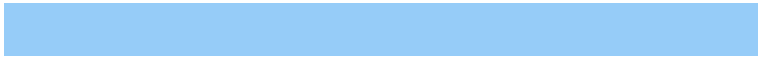
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



56.6079, 0.3031, 0.2767



56.6079, 0.3539, 0.3938



56.6079, 0.2499, 0.2763

Square

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



56.6079, 0.3539, 0.3938



56.6079, 0.2570, 0.3306



56.6079, 0.2705, 0.2693



56.6079, 0.3711, 0.3234

Rectangle

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



56.6079, 0.3539, 0.3938



56.6079, 0.2948, 0.3752



56.6079, 0.2705, 0.2693



56.6079, 0.3280, 0.2885

Sweetspot

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



56.6104, 0.3539, 0.3938



98.2673, 0.3247, 0.3480



36.1155, 0.3679, 0.3256



20.9668, 0.3270, 0.3516



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.



56.6104, 0.3539, 0.3938



93.7150, 0.3636, 0.4089



54.3752, 0.3328, 0.4008



13.0216, 0.3267, 0.3511



33.0576, 0.4260, 0.5000



1.7284, 0.4246, 0.5011

Inverse Universe

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



32.4505, 0.2663, 0.2548



46.1370, 0.2536, 0.2342



34.3584, 0.2877, 0.2563



10.9104, 0.2982, 0.3059



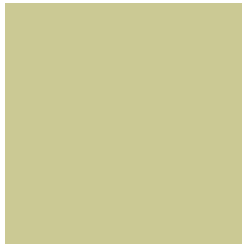
2.8791, 0.1508, 0.0627



0.1727, 0.1532, 0.0716

Previews

White Background



This preview shows how the Yxy color 56.6079, 0.3539, 0.3938 looks on a white background.

Color Contrast Check

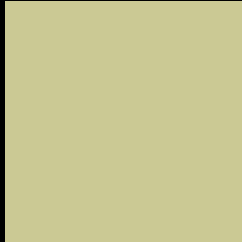
Large Text (above 18pt) WCAG AA × Fail

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 56.6079, 0.3539, 0.3938 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

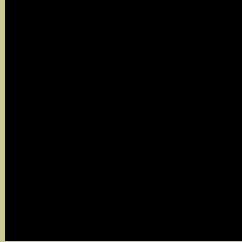
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

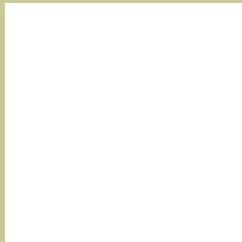
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.6079, 0.3539, 0.3938

Background



This preview shows how black text looks on a background with the Yxy color 56.6079, 0.3539, 0.3938.



This preview shows how white text looks on a background with the Yxy color 56.6079, 0.3539, 0.3938.

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

56.6079, 0.3539, 0.3938

Protanopia

56.6409, 0.3641, 0.3898

Deuteranopia

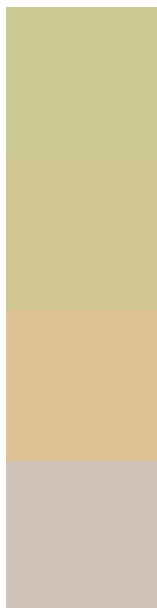
56.3526, 0.3820, 0.3742



Tritanopia

56.5429, 0.3159, 0.3117

Trichromacy



Original Color

56.6079, 0.3539, 0.3938

Protanomaly

56.5087, 0.3603, 0.3917

Deuteranomaly

56.2831, 0.3717, 0.3815

Tritanomaly

56.4349, 0.3300, 0.3410

Monochromacy



Original Color

56.6079, 0.3539, 0.3938

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

55.7850, 0.3277, 0.3523

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.6079, 0.3539, 0.3938 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(203, 201, 148)` looks like.

```
.text, #text, p{  
    color:rgb(203, 201, 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(203, 201, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 201, 148) }
```

Border

The CSS property to change the border of an element to Yxy 56.6079, 0.3539, 0.3938 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(203, 201, 148) }
```

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

```
.border{ border-color:rgb(203, 201, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 201, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(203, 201, 148); -webkit-box-shadow:4px 4px 4px 4px rgb(203, 201, 148); box-shadow:4px 4px 4px 4px rgb(203, 201, 148) }
```


Background

The CSS property to change the background color of an element to Yxy 56.6079, 0.3539, 0.3938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 201, 148) }
```

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

```
.background{ background-color: rgb(203,  
201, 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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