

Converting Colors

Yxy(56.4320, 0.3598, 0.3970)

Have a look what the booklet for
Yxy(56.4320, 0.3598, 0.3970)
contains.

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Color

Yxy(56.4440, 0.3597, 0.3970)

Conversions

Conversions Part 1

Format	Color
Hex	CEC890
RGB	206, 200, 144
RGB Percent	81%, 78%, 56%
CMY	0.1922, 0.2157, 0.4352
CMYK	0.00, 0.03, 0.30, 0.19
HSL	54°, 39%, 69%
HSV	54°, 30%, 81%
XYZ	51.1408, 56.4440, 34.5915
YIQ	195.4100, 21.5520, -16.1440

Conversions

Conversions Part 2

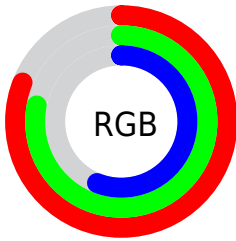
Format	Color
R_{YB}	151, 206, 144
Decimal	13551760
CIE _{Lab}	79.87, -6.54, 28.82
CIE _{LCh}	80, 29.550, 102.788
Yxy	56.4440, 0.3597, 0.3970
Android (android.graphics.Color)	4291741840 (0xFFCEC890)
YUV	195.4100, -25.3451, 9.2874
Hunter-Lab	75.1292, -9.9703, 25.2918

Details

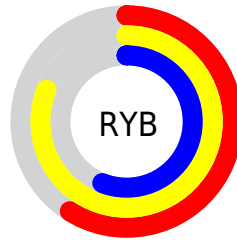
The Yxy color **56.4440, 0.3597, 0.3970** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **32.1997, 0.2609, 0.2504**, and the grayscale version is **54.9765, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.8572, 0.3466, 0.3850**, and **27.9274, 0.3713, 0.4145** is the 20% darker color. If you saturate the color by 10%, you get **54.9578, 0.3757, 0.4192**, and if you desaturate by 10%, it is **58.0623, 0.3436, 0.3741**.

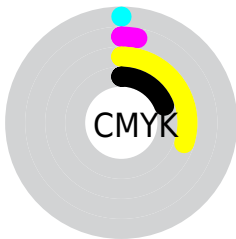
Distribution



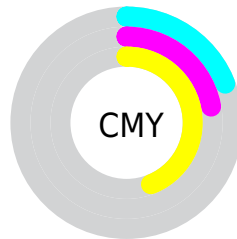
- Red (81%)
- Green (78%)
- Blue (56%)



- Red (59%)
- Yellow (81%)
- Blue (56%)



- Cyan (0%)
- Magenta (3%)
- Yellow (30%)
- Black (19%)





- Cyan (19%)
- Magenta (22%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.4440, 0.3597, 0.3970 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 56.4440, 0.3597, 0.3970 by changing the saturation by 10% instead.

 56.4440, 0.3597,
0.3970

 56.4440, 0.3597,
0.3970


411.3626, 0.3375,
0.3639

 40.5590, 0.3648,
0.4049


 99.6535, 0.3519,
0.3852

 27.9747, 0.3711,
0.4148


 127.7467, 0.3489,
0.3807

 18.3066, 0.3790,
0.4276


160.6782, 0.3463,
0.3769

 11.1703, 0.3890,
0.4445

198.8323, 0.3441,
0.3736

 6.1815, 0.4017,
0.4676

242.5934, 0.3421,
0.3707

 2.9558, 0.4252,
0.5093

292.3459, 0.3404,

 1.1087, 0.4422,

0.3681

0.5578

348.4741, 0.3388,
0.3659

0.0000, 0.0000,
0.0000

56.4440, 0.3597,
0.3970

56.4440, 0.3597,
0.3970

54.9578, 0.3757,
0.4192

58.0623, 0.3436,
0.3741

53.5896, 0.3910,
0.4398

59.8107, 0.3279,
0.3513

52.3351, 0.4049,
0.4578

61.6973, 0.3128,
0.3292

51.1867, 0.4169,
0.4724

63.7272, 0.2987,
0.3082

50.1355, 0.4263,
0.4827

65.9052, 0.2857,
0.2885

■ 49.1714, 0.4331,
0.4886

■ 67.3968, 0.2810,
0.2826

■ 48.2822, 0.4375,
0.4908

■ 68.3968, 0.2812,
0.2848

■ 69.4090, 0.2813,
0.2870

■ 70.4337, 0.2814,
0.2892

Harmonies

Analogous

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



56.4440, 0.3844, 0.3798



56.4440, 0.3597, 0.3970



56.4440, 0.3232, 0.3949

Triad

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



56.4440, 0.3597, 0.3970



56.4440, 0.2418, 0.2990



56.4440, 0.3379, 0.2916

Complementary

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



56.4440, 0.3597, 0.3970



32.1997, 0.2609, 0.2504

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.



56.4440, 0.2984, 0.2723



56.4440, 0.3597, 0.3970



56.4440, 0.2450, 0.2748

Square

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



56.4440, 0.3597, 0.3970



56.4440, 0.2560, 0.3346



56.4440, 0.2650, 0.2660



56.4440, 0.3720, 0.3197

Rectangle

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



56.4440, 0.3597, 0.3970



56.4440, 0.2975, 0.3812



56.4440, 0.2650, 0.2660



56.4440, 0.3247, 0.2839

Sweetspot

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



56.4466, 0.3597, 0.3970



97.2036, 0.3264, 0.3491



35.2814, 0.3729, 0.3212



20.7126, 0.3286, 0.3524



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.



56.4466, 0.3597, 0.3970



89.9070, 0.3699, 0.4113



56.0001, 0.3373, 0.4088



12.9043, 0.3268, 0.3497



29.8127, 0.4372, 0.4911



1.5930, 0.4333, 0.4942

Inverse Universe

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



32.1997, 0.2609, 0.2504



44.5563, 0.2482, 0.2306



32.8215, 0.2815, 0.2468



11.0153, 0.2982, 0.3074



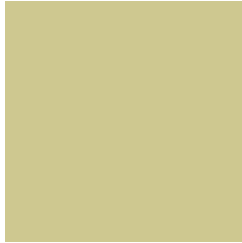
3.1146, 0.1520, 0.0672



0.2217, 0.1581, 0.0889

Previews

White Background



This preview shows how the Yxy color 56.4440, 0.3597, 0.3970 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 56.4440, 0.3597, 0.3970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

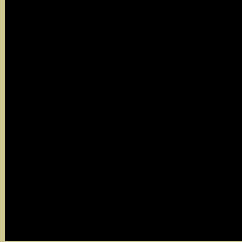
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.4440, 0.3597, 0.3970

Background



This preview shows how black text looks on a background with the Yxy color 56.4440, 0.3597, 0.3970.



This preview shows how white text looks on a background with the Yxy color 56.4440, 0.3597, 0.3970.

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

56.4440, 0.3597, 0.3970

Protanopia

56.5175, 0.3672, 0.3946

Deuteranopia

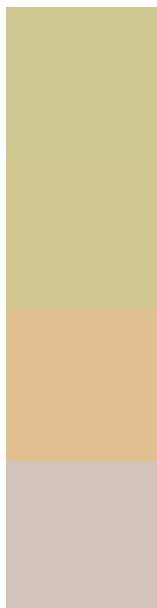
56.3947, 0.3862, 0.3786



Tritanopia

56.5004, 0.3192, 0.3118

Trichromacy



Original Color

56.4440, 0.3597, 0.3970

Protanomaly

56.5317, 0.3642, 0.3963

Deuteranomaly

56.4752, 0.3767, 0.3858

Tritanomaly

56.3398, 0.3341, 0.3421

Monochromacy



Original Color

56.4440, 0.3597, 0.3970

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

55.2092, 0.3301, 0.3548

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.4440, 0.3597, 0.3970 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(206, 200, 144)` looks like.

```
.text, #text, p{  
    color:rgb(206, 200, 144)  
}
```

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(206, 200, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 200, 144) }
```

Border

The CSS property to change the border of an element to Yxy 56.4440, 0.3597, 0.3970 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(206, 200, 144) }
```

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

```
.border{ border-color:rgb(206, 200, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 200, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 200, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 200, 144);  
box-shadow:4px 4px 4px 4px rgb(206, 200,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 56.4440, 0.3597, 0.3970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 200, 144) }
```

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

```
.background{ background-color: rgb(206,  
200, 144) }
```

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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