

Converting Colors

$Yxy(55.7254, 0.3518, 0.3947)$

Have a look what the booklet for
Yxy(55.7254, 0.3518, 0.3947)
contains.

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Color

Yxy(55.6945, 0.3523, 0.3945)

Conversions

Conversions Part 1

Format	Color
Hex	C8C893
RGB	200, 200, 147
RGB Percent	78%, 78%, 58%
CMY	0.2158, 0.2156, 0.4234
CMYK	0.00, 0.00, 0.26, 0.22
HSL	60°, 33%, 68%
HSV	60°, 26%, 78%
XYZ	49.7368, 55.6945, 35.7461
YIQ	193.9580, 17.0130, -16.4830

Conversions

Conversions Part 2

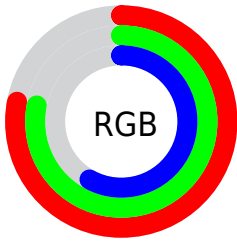
Format	Color
R_{YB}	147, 200, 147
Decimal	13158547
CIE _{Lab}	79.44, -8.46, 26.58
CIE _{LCh}	79, 27.894, 107.655
Yxy	55.6945, 0.3523, 0.3945
Android (android.graphics.Color)	4291348627 (0xFFC8C893)
YUV	193.9580, -23.1503, 5.2988
Hunter-Lab	74.6287, -11.6378, 23.8410

Details

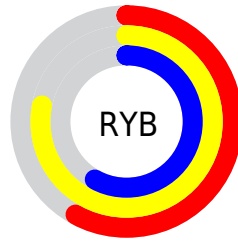
The Yxy color **55.6945, 0.3523, 0.3945** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **31.2588, 0.2673, 0.2539**, and the grayscale version is **54.0552, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.9970, 0.3448, 0.3820**, and **27.4220, 0.3615, 0.4119** is the 20% darker color. If you saturate the color by 10%, you get **55.1205, 0.3670, 0.4188**, and if you desaturate by 10%, it is **56.3827, 0.3372, 0.3695**.

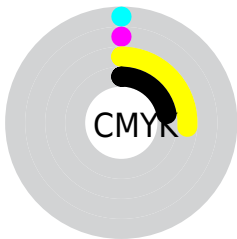
Distribution



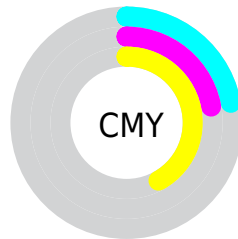
- Red (78%)
- Green (78%)
- Blue (58%)



- Red (58%)
- Yellow (78%)
- Blue (58%)



- Cyan (0%)
- Magenta (0%)
- Yellow (26%)
- Black (22%)



- Cyan (22%)
- Magenta (22%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.6945, 0.3523, 0.3945 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 55.6945, 0.3523, 0.3945 by changing the saturation by 10% instead.

 55.6945, 0.3523,
0.3945

 55.6945, 0.3523,
0.3945


408.5392, 0.3336,
0.3623

 39.9580, 0.3566,
0.4023


 98.5578, 0.3458,
0.3830

 27.5058, 0.3619,
0.4121


 126.4534, 0.3432,
0.3786

 17.9535, 0.3685,
0.4248


159.1708, 0.3411,
0.3749

 10.9166, 0.3770,
0.4419

197.0944, 0.3392,
0.3717

 6.0108, 0.3878,
0.4659

240.6087, 0.3375,
0.3689

 2.8516, 0.4064,
0.5073

290.0980, 0.3360,

 1.0548, 0.4272,

0.3664

0.5728

345.9467, 0.3347,
0.3643

0.0000, 0.0000,
0.0000

55.6945, 0.3523,
0.3945

55.6945, 0.3523,
0.3945

55.1205, 0.3670,
0.4188

56.3827, 0.3372,
0.3695

54.6476, 0.3807,
0.4416

57.1827, 0.3222,
0.3447

54.2720, 0.3930,
0.4618

58.1021, 0.3077,
0.3207

53.9870, 0.4031,
0.4786

59.1455, 0.2939,
0.2979

53.7849, 0.4108,
0.4914

60.3171, 0.2811,
0.2766

■ 53.6567, 0.4159,
0.4999

■ 60.8212, 0.2762,
0.2686

■ 53.5908, 0.4186,
0.5043

■ 60.8232, 0.2762,
0.2686

■ 53.5747, 0.4192,
0.5054

■ 60.8252, 0.2762,
0.2686

■ 60.8272, 0.2763,
0.2686

Harmonies

Analogous

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



55.6945, 0.3781, 0.3810



55.6945, 0.3523, 0.3945



55.6945, 0.3168, 0.3889

Triad

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



55.6945, 0.3523, 0.3945



55.6945, 0.2446, 0.2961



55.6945, 0.3425, 0.2973

Complementary

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



55.6945, 0.3523, 0.3945



31.2588, 0.2673, 0.2539

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.



55.6945, 0.3052, 0.2773



55.6945, 0.3523, 0.3945



55.6945, 0.2503, 0.2752

Square

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



55.6945, 0.3523, 0.3945



55.6945, 0.2556, 0.3286



55.6945, 0.2718, 0.2691



55.6945, 0.3728, 0.3251

Rectangle

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



55.6945, 0.3523, 0.3945



55.6945, 0.2927, 0.3739



55.6945, 0.2718, 0.2691



55.6945, 0.3303, 0.2895

Sweetspot

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



55.6970, 0.3523, 0.3945



98.7523, 0.3246, 0.3487



35.2669, 0.3690, 0.3292



21.0901, 0.3269, 0.3525



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.



55.6970, 0.3523, 0.3945



95.8015, 0.3612, 0.4092



52.3654, 0.3301, 0.3995



12.4166, 0.3265, 0.3518



34.0607, 0.4192, 0.5054



1.6129, 0.4192, 0.5053

Inverse Universe

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



31.2588, 0.2673, 0.2539



46.1974, 0.2553, 0.2339



33.9930, 0.2908, 0.2587



10.2879, 0.2983, 0.3051



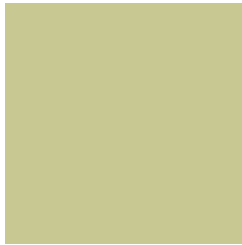
2.6523, 0.1500, 0.0600



0.1257, 0.1501, 0.0601

Previews

White Background



This preview shows how the Yxy color 55.6945, 0.3523, 0.3945 looks on a white background.

Color Contrast Check

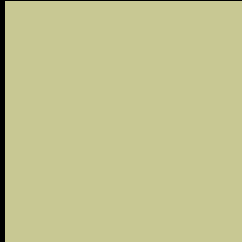
Large Text (above 18pt) WCAG AA × Fail

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 55.6945, 0.3523, 0.3945 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

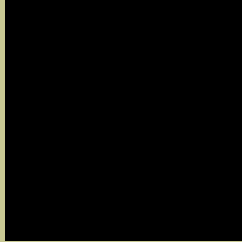
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

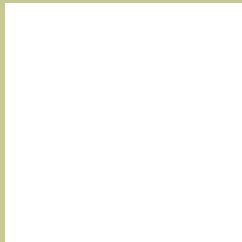
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.6945, 0.3523, 0.3945

Background



This preview shows how black text looks on a background with the Yxy color 55.6945, 0.3523, 0.3945.



This preview shows how white text looks on a background with the Yxy color 55.6945, 0.3523, 0.3945.

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

55.6945, 0.3523, 0.3945

Protanopia

55.3731, 0.3646, 0.3904

Deuteranopia

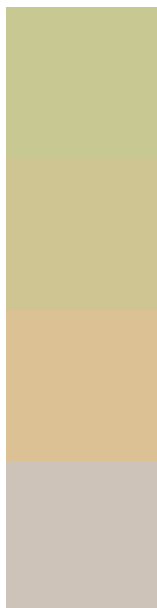
55.5540, 0.3815, 0.3746



Tritanopia

55.6142, 0.3143, 0.3115

Trichromacy



Original Color

55.6945, 0.3523, 0.3945

Protanomaly

55.2732, 0.3600, 0.3911

Deuteranomaly

55.4937, 0.3711, 0.3819

Tritanomaly

55.5121, 0.3284, 0.3411

Monochromacy



Original Color

55.6945, 0.3523, 0.3945

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

54.3899, 0.3270, 0.3526

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.6945, 0.3523, 0.3945 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(200, 200, 147)` looks like.

```
.text, #text, p{  
    color:rgb(200, 200, 147)  
}
```

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(200, 200, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 200, 147) }
```

Border

The CSS property to change the border of an element to Yxy 55.6945, 0.3523, 0.3945 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(200, 200, 147) }
```

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

```
.border{ border-color:rgb(200, 200, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 200, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(200, 200, 147); -webkit-box-shadow:4px 4px 4px 4px rgb(200, 200, 147); box-shadow:4px 4px 4px 4px rgb(200, 200, 147) }
```


Background

The CSS property to change the background color of an element to Yxy 55.6945, 0.3523, 0.3945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 200, 147) }
```

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

```
.background{ background-color: rgb(200,  
200, 147) }
```

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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