

Converting Colors

Yxy(52.6946, 0.3623, 0.3894)

Have a look what the booklet for
Yxy(52.6946, 0.3623, 0.3894)
contains.

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Color

Yxy(52.6616, 0.3623, 0.3895)

Conversions

Conversions Part 1

Format	Color
Hex	CDC08F
RGB	205, 192, 143
RGB Percent	80%, 75%, 56%
CMY	0.1960, 0.2470, 0.4393
CMYK	0.00, 0.06, 0.30, 0.20
HSL	47°, 38%, 68%
HSV	47°, 30%, 80%
XYZ	48.9841, 52.6616, 33.5574
YIQ	190.3010, 23.4770, -12.4830

Conversions

Conversions Part 2

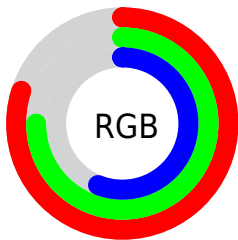
Format	Color
RYB	159, 205, 143
Decimal	13484175
CIELab	77.67, -2.90, 26.41
CIELCh	78, 26.571, 96.256
Yxy	52.6616, 0.3623, 0.3895
Android (android.graphics.Color)	4291674255 (0xFFCDC08F)
YUV	190.3010, -23.3194, 12.8910
Hunter-Lab	72.5683, -6.5059, 23.3806

Details

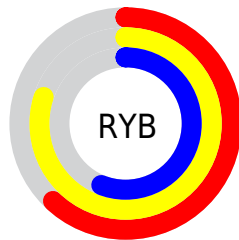
The Yxy color **52.6616, 0.3623, 0.3895** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **34.0133, 0.2617, 0.2601**, and the grayscale version is **51.8025, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.4260, 0.3486, 0.3796**, and **25.7220, 0.3751, 0.4063** is the 20% darker color. If you saturate the color by 10%, you get **50.2389, 0.3802, 0.4095**, and if you desaturate by 10%, it is **55.2577, 0.3449, 0.3691**.

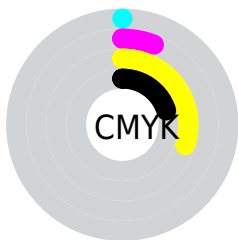
Distribution



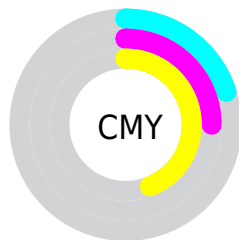
- Red (80%)
- Green (75%)
- Blue (56%)



- Red (62%)
- Yellow (80%)
- Blue (56%)



- Cyan (0%)
- Magenta (6%)
- Yellow (30%)
- Black (20%)





- Cyan (20%)
- Magenta (25%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.6616, 0.3623, 0.3895 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 52.6616, 0.3623, 0.3895 by changing the saturation by 10% instead.


 52.6616, 0.3623,
0.3895


 52.6616, 0.3623,
0.3895


396.9855, 0.3383,
0.3599

 37.5327, 0.3680,
0.3966


 94.1062, 0.3538,
0.3789

 25.6202, 0.3750,
0.4056


 121.1907, 0.3506,
0.3749

 16.5397, 0.3840,
0.4171


153.0292, 0.3478,
0.3715

 9.9069, 0.3958,
0.4324

190.0061, 0.3454,
0.3685

 5.3373, 0.4114,
0.4535

232.5058, 0.3433,
0.3659

 2.4465, 0.4450,
0.4973

280.9127, 0.3414,

 0.8496, 0.4645,

0.3637

0.5355

335.6111, 0.3398,
0.3617

0.0000, 0.0000,
0.0000

52.6616, 0.3623,
0.3895

52.6616, 0.3623,
0.3895

50.2389, 0.3802,
0.4095

55.2577, 0.3449,
0.3691

47.9758, 0.3980,
0.4282

58.0262, 0.3284,
0.3489

45.8674, 0.4151,
0.4446

60.9754, 0.3131,
0.3295

43.9057, 0.4307,
0.4577

64.1105, 0.2990,
0.3111


42.0816, 0.4440,
0.4666

67.4369, 0.2862,
0.2940


 40.3844, 0.4545,
0.4709

 70.2323, 0.2808,
0.2890

 38.8345, 0.4623,
0.4711

 72.4870, 0.2811,
0.2937

 74.7999, 0.2814,
0.2984

 77.1714, 0.2817,
0.3031

Harmonies

Analogous

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



52.6616, 0.3814, 0.3710



52.6616, 0.3623, 0.3895



52.6616, 0.3303, 0.3915

Triad

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



52.6616, 0.3623, 0.3895



52.6616, 0.2487, 0.3081



52.6616, 0.3281, 0.2896

Complementary

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



52.6616, 0.3623, 0.3895



34.0133, 0.2617, 0.2601

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.



52.6616, 0.2922, 0.2741



52.6616, 0.3623, 0.3895



52.6616, 0.2480, 0.2828

Square

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



52.6616, 0.3623, 0.3895



52.6616, 0.2653, 0.3420



52.6616, 0.2634, 0.2713



52.6616, 0.3614, 0.3144

Rectangle

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



52.6616, 0.3623, 0.3895



52.6616, 0.3065, 0.3817



52.6616, 0.2634, 0.2713



52.6616, 0.3159, 0.2832

Sweetspot

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



52.6640, 0.3623, 0.3895



95.5782, 0.3266, 0.3467



35.0308, 0.3654, 0.3119



20.3097, 0.3290, 0.3496



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.



52.6640, 0.3623, 0.3895



83.7638, 0.3733, 0.4020



56.2678, 0.3434, 0.4078



12.6819, 0.3271, 0.3472



24.3151, 0.4616, 0.4717



1.3572, 0.4518, 0.4795

Inverse Universe

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



34.0133, 0.2617, 0.2601



48.6645, 0.2500, 0.2433



31.5746, 0.2748, 0.2447



11.2187, 0.2982, 0.3101



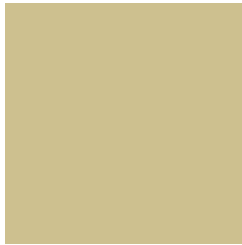
3.9309, 0.1562, 0.0824



0.3156, 0.1664, 0.1191

Previews

White Background



This preview shows how the Yxy color 52.6616, 0.3623, 0.3895 looks on a white background.

Color Contrast Check

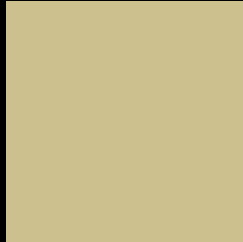
Large Text (above 18pt) WCAG AA × Fail

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 52.6616, 0.3623, 0.3895 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

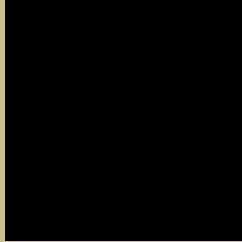
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.6616, 0.3623, 0.3895

Background



This preview shows how black text looks on a background with the Yxy color 52.6616, 0.3623, 0.3895.



This preview shows how white text looks on a background with the Yxy color 52.6616, 0.3623, 0.3895.

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

52.6616, 0.3623, 0.3895

Protanopia

52.8043, 0.3632, 0.3893

Deuteranopia

52.4941, 0.3824, 0.3744



Tritanopia

52.8185, 0.3244, 0.3126

Trichromacy



Original Color

52.6616, 0.3623, 0.3895

Protanomaly

52.8043, 0.3632, 0.3893

Deuteranomaly

52.4597, 0.3749, 0.3802

Tritanomaly

52.7764, 0.3376, 0.3399

Monochromacy



Original Color

52.6616, 0.3623, 0.3895

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.8808, 0.3299, 0.3516

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.6616, 0.3623, 0.3895 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(205, 192, 143)` looks like.

```
.text, #text, p{  
    color:rgb(205, 192, 143)  
}
```

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(205, 192, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 192, 143) }
```

Border

The CSS property to change the border of an element to Yxy 52.6616, 0.3623, 0.3895 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(205, 192, 143) }
```

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

```
.border{ border-color:rgb(205, 192, 143) }
```

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

Here you see how a box with a 4 pixel rgb(205, 192, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 192, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 192, 143);  
box-shadow:4px 4px 4px 4px rgb(205, 192,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 52.6616, 0.3623, 0.3895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 192, 143) }
```

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

```
.background{ background-color: rgb(205,  
192, 143) }
```

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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