

Converting Colors

$Yxy(50.0832, 0.3596, 0.3998)$

Have a look what the booklet for
Yxy(50.0832, 0.3596, 0.3998)
contains.

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Color

Yxy(50.0455, 0.3594, 0.3994)

Conversions

Conversions Part 1

Format	Color
Hex	C2BE87
RGB	194, 190, 135
RGB Percent	76%, 75%, 53%
CMY	0.2393, 0.2549, 0.4704
CMYK	0.00, 0.02, 0.30, 0.24
HSL	56°, 33%, 65%
HSV	56°, 30%, 76%
XYZ	45.0334, 50.0455, 30.2228
YIQ	184.9260, 20.0390, -16.2570

Conversions

Conversions Part 2

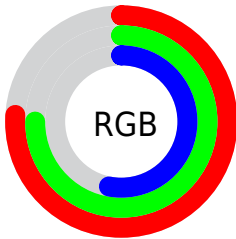
Format	Color
RYB	139, 194, 135
Decimal	12762759
CIELab	76.10, -7.18, 28.33
CIELCh	76, 29.220, 104.217
Yxy	50.0455, 0.3594, 0.3994
Android (android.graphics.Color)	4290952839 (0xFFC2BE87)
YUV	184.9260, -24.6135, 7.9579
Hunter-Lab	70.7428, -10.1706, 24.1901

Details

The Yxy color **50.0455, 0.3594, 0.3994** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **27.5183, 0.2603, 0.2472**, and the grayscale version is **48.6050, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.0949, 0.3513, 0.3863**, and **24.1226, 0.3712, 0.4185** is the 20% darker color. If you saturate the color by 10%, you get **48.9860, 0.3748, 0.4220**, and if you desaturate by 10%, it is **51.2142, 0.3437, 0.3760**.

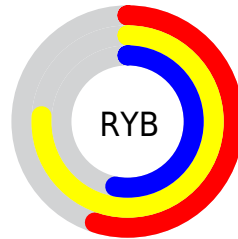
Distribution



Red (76%)

Green (75%)

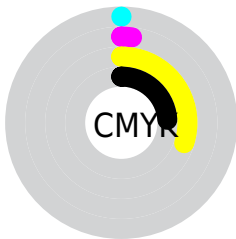
Blue (53%)



Red (55%)

Yellow (76%)

Blue (53%)

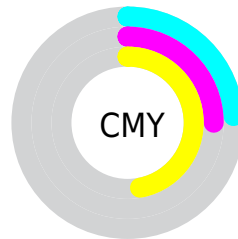


Cyan (0%)

Magenta (2%)

Yellow (30%)

Black (24%)



Cyan (24%)


Magenta (25%)

Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.0455, 0.3594, 0.3994 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 50.0455, 0.3594, 0.3994 by changing the saturation by 10% instead.

 50.0455, 0.3594,
0.3994


 50.0455, 0.3594,
0.3994


386.8438, 0.3369,
0.3644

 35.4496, 0.3647,
0.4080


 90.2423, 0.3515,
0.3868

 24.0094, 0.3712,
0.4189


 116.6119, 0.3484,
0.3820

 15.3406, 0.3794,
0.4331


 147.6749, 0.3458,
0.3779

 9.0588, 0.3899,
0.4521

183.8156, 0.3435,
0.3744

 4.7795, 0.4031,
0.4787

225.4185, 0.3416,
0.3714

 2.1185, 0.4475,
0.5525

272.8679, 0.3398,

 0.6750, 0.4086,

0.3688

0.5914

326.5482, 0.3383,
0.3664

0.0000, 0.0000,
0.0000

50.0455, 0.3594,
0.3994

50.0455, 0.3594,
0.3994

48.9860, 0.3748,
0.4220

51.2142, 0.3437,
0.3760

48.0235, 0.3894,
0.4430

52.4902, 0.3282,
0.3526

47.1543, 0.4025,
0.4612


53.8806, 0.3133,
0.3299


46.3717, 0.4136,
0.4760

55.3897, 0.2992,
0.3082

45.6683, 0.4222,
0.4866


57.0217, 0.2861,
0.2879


 45.0351, 0.4281,
0.4928

 58.7806, 0.2741,
0.2690

 44.4759, 0.4317,
0.4955

 59.6082, 0.2721,
0.2670

 60.2132, 0.2722,
0.2685

 60.8234, 0.2724,
0.2700

Harmonies

Analogous

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



50.0455, 0.3857, 0.3823



50.0455, 0.3594, 0.3994



50.0455, 0.3215, 0.3962

Triad

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



50.0455, 0.3594, 0.3994



50.0455, 0.2396, 0.2966



50.0455, 0.3405, 0.2917

Complementary

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



50.0455, 0.3594, 0.3994



27.5183, 0.2603, 0.2472

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.



50.0455, 0.2999, 0.2715



50.0455, 0.3594, 0.3994



50.0455, 0.2437, 0.2725

Square

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



50.0455, 0.3594, 0.3994



50.0455, 0.2534, 0.3328



50.0455, 0.2650, 0.2642



50.0455, 0.3750, 0.3209

Rectangle

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



50.0455, 0.3594, 0.3994



50.0455, 0.2952, 0.3815



50.0455, 0.2650, 0.2642



50.0455, 0.3270, 0.2838

Sweetspot

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



50.0478, 0.3594, 0.3994



95.4209, 0.3263, 0.3497



30.6986, 0.3745, 0.3225



20.8174, 0.3286, 0.3532



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.



50.0478, 0.3594, 0.3994



89.4814, 0.3690, 0.4136



48.8076, 0.3366, 0.4096



11.6383, 0.3266, 0.3503



29.2962, 0.4315, 0.4956



1.3014, 0.4285, 0.4980

Inverse Universe

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



27.5183, 0.2603, 0.2472



42.5856, 0.2478, 0.2275



28.6663, 0.2822, 0.2464



9.8546, 0.2983, 0.3068



2.7963, 0.1514, 0.0649



0.1592, 0.1563, 0.0827

Previews

White Background



This preview shows how the Yxy color 50.0455, 0.3594, 0.3994 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 50.0455, 0.3594, 0.3994 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

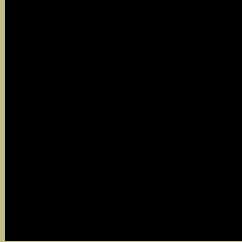
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.0455, 0.3594, 0.3994

Background



This preview shows how black text looks on a background with the Yxy color 50.0455, 0.3594, 0.3994.



This preview shows how white text looks on a background with the Yxy color 50.0455, 0.3594, 0.3994.

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

50.0455, 0.3594, 0.3994

Protanopia

49.8184, 0.3686, 0.3955

Deuteranopia

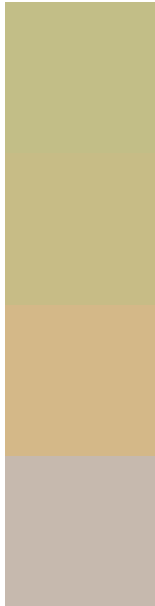
49.9783, 0.3873, 0.3799



Tritanopia

49.8589, 0.3177, 0.3120

Trichromacy



Original Color

50.0455, 0.3594, 0.3994

Protanomaly

49.8298, 0.3655, 0.3973

Deuteranomaly

50.0556, 0.3773, 0.3875

Tritanomaly

49.7597, 0.3326, 0.3428

Monochromacy



Original Color

50.0455, 0.3594, 0.3994

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

49.0220, 0.3293, 0.3549

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.0455, 0.3594, 0.3994 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(194, 190, 135)` looks like.

```
.text, #text, p{  
    color:rgb(194, 190, 135)  
}
```

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(194, 190, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 190, 135) }
```

Border

The CSS property to change the border of an element to Yxy 50.0455, 0.3594, 0.3994 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(194, 190, 135) }
```

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

```
.border{ border-color:rgb(194, 190, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 190, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 190, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 190, 135);  
box-shadow:4px 4px 4px 4px rgb(194, 190,  
135) }
```


Background

The CSS property to change the background color of an element to Yxy 50.0455, 0.3594, 0.3994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 190, 135) }
```

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

```
.background{ background-color: rgb(194,  
190, 135) }
```

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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