

Converting Colors

$Yxy(44.2442, 0.3744, 0.3694)$

Have a look what the booklet for
Yxy(44.2442, 0.3744, 0.3694)
contains.

Yxy(44.1117, 0.3743, 0.3695)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(44.1117, 0.3743, 0.3695)

Conversions

Conversions Part 1

Format	Color
Hex	CEAB8B
RGB	206, 171, 139
RGB Percent	81%, 67%, 55%
CMY	0.1920, 0.3294, 0.4549
CMYK	0.00, 0.17, 0.33, 0.19
HSL	29°, 41%, 68%
HSV	29°, 33%, 81%
XYZ	44.6847, 44.1117, 30.5857
YIQ	177.8170, 31.1320, -2.5320

Conversions

Conversions Part 2

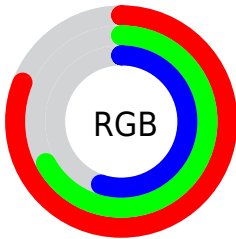
Format	Color
RYP	206, 200, 139
Decimal	13544331
CIELab	72.30, 8.17, 21.26
CIElCh	72, 22.779, 68.984
Yxy	44.1117, 0.3743, 0.3695
Android (android.graphics.Color)	4291734411 (0xFFCEAB8B)
YUV	177.8170, -19.1368, 24.7165
Hunter-Lab	66.4166, 3.8647, 19.1879

Details

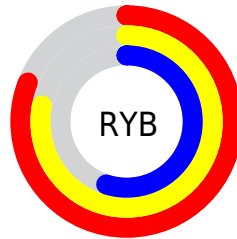
The Yxy color $44.1117, 0.3743, 0.3695$ is a light color, and the websafe version is hex $CC9966$. A complement of this color would be $40.2390, 0.2612, 0.2845$, and the grayscale version is $44.5125, 0.3127, 0.3290$.

A 20% lighter version of the original color is $79.5030, 0.3560, 0.3626$, and $20.4942, 0.3923, 0.3799$ is the 20% darker color. If you saturate the color by 10%, you get $39.6622, 0.3986, 0.3822$, and if you desaturate by 10%, it is $49.0105, 0.3525, 0.3566$.

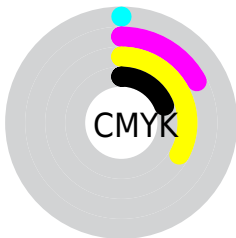
Distribution



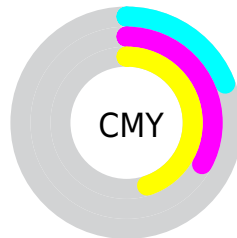
- Red (81%)
- Green (67%)
- Blue (55%)



- Red (81%)
- Yellow (78%)
- Blue (55%)



- Cyan (0%)
- Magenta (17%)
- Yellow (33%)
- Black (19%)





- Cyan (19%)
- Magenta (33%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.1117, 0.3743, 0.3695 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 44.1117, 0.3743, 0.3695 by changing the saturation by 10% instead.


 44.1117, 0.3743,
0.3695

 44.1117, 0.3743,
0.3695


363.1639, 0.3431,
0.3497


 30.7583, 0.3821,
0.3742


 81.3858, 0.3629,
0.3625

 20.4149, 0.3922,
0.3801


 106.0753, 0.3587,
0.3598

 12.6970, 0.4055,
0.3876

 135.3123, 0.3551,
0.3575

 7.2202, 0.4239,
0.3974

169.4813, 0.3520,
0.3555

 3.6002, 0.4506,
0.4102

208.9665, 0.3493,
0.3538

 1.4525, 0.5358,
0.4642

254.1524, 0.3470,

 0.2550, 0.6340,

0.3523

0.3660

305.4234, 0.3449,
0.3509

0.0000, 0.0000,
0.0000

44.1117, 0.3743,
0.3695

44.1117, 0.3743,
0.3695

39.6622, 0.3986,
0.3822

49.0105, 0.3525,
0.3566

35.6416, 0.4253,
0.3939

54.3659, 0.3334,
0.3439

32.0368, 0.4535,
0.4036


60.1928, 0.3166,
0.3319


28.8313, 0.4820,
0.4100


66.5035, 0.3021,
0.3207

26.0074, 0.5092,
0.4118

73.3097, 0.2894,
0.3103

 23.5448, 0.5330,
0.4082

 80.1219, 0.2826,
0.3085

 21.9221, 0.5485,
0.4027

 86.5001, 0.2833,
0.3199

 91.8674, 0.2838,
0.3289

Harmonies

Analogous

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



44.1117, 0.3758, 0.3450



44.1117, 0.3743, 0.3695



44.1117, 0.3557, 0.3849

Triad

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



44.1117, 0.3743, 0.3695



44.1117, 0.2676, 0.3380



44.1117, 0.2969, 0.2796

Complementary

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



44.1117, 0.3743, 0.3695



40.2390, 0.2612, 0.2845

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.



44.1117, 0.2697, 0.2760



44.1117, 0.3743, 0.3695



44.1117, 0.2535, 0.3077

Square

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



44.1117, 0.3743, 0.3695



44.1117, 0.2938, 0.3673



44.1117, 0.2543, 0.2855



44.1117, 0.3298, 0.2948

Rectangle

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



44.1117, 0.3743, 0.3695



44.1117, 0.3366, 0.3868



44.1117, 0.2543, 0.2855



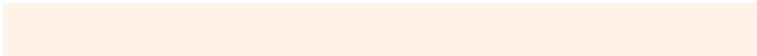
44.1117, 0.2868, 0.2770

Sweetspot

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



44.1137, 0.3743, 0.3695



90.2519, 0.3291, 0.3410



34.6788, 0.3477, 0.2843



19.0380, 0.3316, 0.3427



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.



44.1137, 0.3743, 0.3695



66.3593, 0.3909, 0.3784



58.0843, 0.3622, 0.4071



12.0820, 0.3278, 0.3401



13.6852, 0.5462, 0.4045



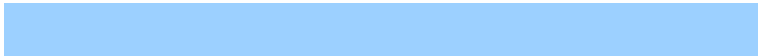
0.8577, 0.5150, 0.4293

Inverse Universe

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



40.2390, 0.2612, 0.2845



59.1333, 0.2501, 0.2732



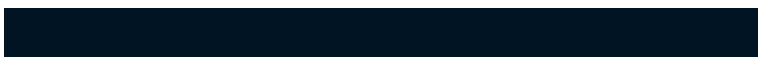
29.0670, 0.2553, 0.2367



11.7983, 0.2983, 0.3177



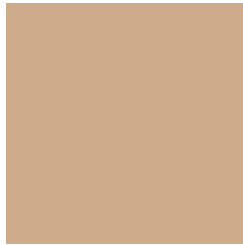
9.5052, 0.1797, 0.1668



0.6418, 0.1892, 0.2010

Previews

White Background



This preview shows how the Yxy color 44.1117, 0.3743, 0.3695 looks on a white background.

Color Contrast Check

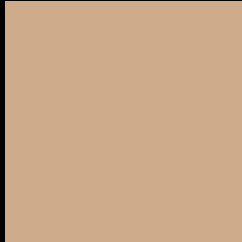
Large Text (above 18pt) WCAG AA × Fail

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 44.1117, 0.3743, 0.3695 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

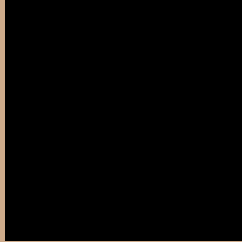
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.1117, 0.3743, 0.3695

Background



This preview shows how black text looks on a background with the Yxy color 44.1117, 0.3743, 0.3695.



This preview shows how white text looks on a background with the Yxy color 44.1117, 0.3743, 0.3695.

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

44.1117, 0.3743, 0.3695

Protanopia

44.2161, 0.3532, 0.3755

Deuteranopia

44.0234, 0.3766, 0.3680



Tritanopia

44.1884, 0.3433, 0.3144

Trichromacy



Original Color

44.1117, 0.3743, 0.3695

Protanomaly

44.1851, 0.3604, 0.3735

Deuteranomaly

43.8789, 0.3756, 0.3682

Tritanomaly

44.2409, 0.3549, 0.3341

Monochromacy



Original Color

44.1117, 0.3743, 0.3695

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.0316, 0.3337, 0.3435

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.1117, 0.3743, 0.3695 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, 171, 139)` looks like.

```
.text, #text, p{  
    color:rgb(206, 171, 139)  
}
```

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, 171, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 171, 139) }
```

Border

The CSS property to change the border of an element to Yxy 44.1117, 0.3743, 0.3695 is called "border". The border property can be set on classes, ids or directly on the HTML element.

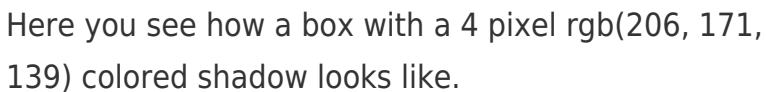
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(206, 171, 139) }
```

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

```
.border{ border-color:rgb(206, 171, 139) }
```

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



Here you see how a box with a 4 pixel `rgb(206, 171, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 171, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 171, 139);  
box-shadow:4px 4px 4px 4px rgb(206, 171,  
139) }
```


Background

The CSS property to change the background color of an element to Yxy 44.1117, 0.3743, 0.3695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 171, 139) }
```

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

```
.background{ background-color: rgb(206,  
171, 139) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor