

Converting Colors

$Yxy(44.0673, 0.3524, 0.3510)$

Have a look what the booklet for
Yxy(44.0673, 0.3524, 0.3510)
contains.

Yxy(44.0137, 0.3526, 0.3510)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(44.0137, 0.3526, 0.3510)

Conversions

Conversions Part 1

Format	Color
Hex	C7AC9B
RGB	199, 172, 155
RGB Percent	78%, 67%, 61%
CMY	0.2197, 0.3254, 0.3922
CMYK	0.00, 0.14, 0.22, 0.22
HSL	23°, 28%, 69%
HSV	23°, 22%, 78%
XYZ	44.2143, 44.0137, 37.1671
YIQ	178.1350, 21.5490, 0.4370

Conversions

Conversions Part 2

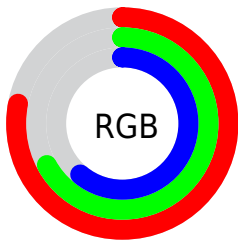
Format	Color
R_{YB}	199, 183, 155
Decimal	13085851
CIE _{Lab}	72.24, 7.08, 12.36
CIE _{LCh}	72, 14.244, 60.186
Yxy	44.0137, 0.3526, 0.3510
Android (android.graphics.Color)	4291275931 (0xFFC7AC9B)
YUV	178.1350, -11.4056, 18.2986
Hunter-Lab	66.3428, 2.8618, 13.2240

Details

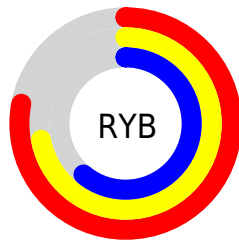
The Yxy color $44.0137, 0.3526, 0.3510$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $44.5166, 0.2785, 0.3059$, and the grayscale version is $44.6477, 0.3127, 0.3290$.

A 20% lighter version of the original color is $80.8016, 0.3447, 0.3472$, and $20.4522, 0.3647, 0.3570$ is the 20% darker color. If you saturate the color by 10%, you get $38.9714, 0.3754, 0.3616$, and if you desaturate by 10%, it is $49.5959, 0.3329, 0.3407$.

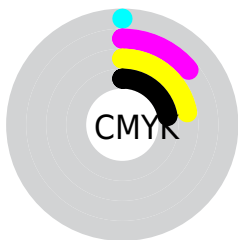
Distribution



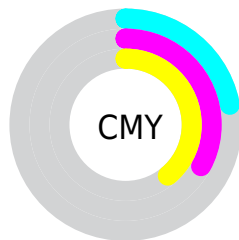
- Red (78%)
- Green (67%)
- Blue (61%)



- Red (78%)
- Yellow (72%)
- Blue (61%)



- Cyan (0%)
- Magenta (14%)
- Yellow (22%)
- Black (22%)





- Cyan (22%)
- Magenta (33%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.0137, 0.3526, 0.3510 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 44.0137, 0.3526, 0.3510 by changing the saturation by 10% instead.


 44.0137, 0.3526,
0.3510


 44.0137, 0.3526,
0.3510


362.7642, 0.3323,
0.3402

 30.6813, 0.3577,
0.3536


 81.2384, 0.3452,
0.3471

 20.3563, 0.3644,
0.3570


 105.8994, 0.3424,
0.3456

 12.6543, 0.3733,
0.3613


135.1054, 0.3401,
0.3444

 7.1909, 0.3860,
0.3673

169.2408, 0.3381,
0.3433

 3.5818, 0.4050,
0.3756

208.6900, 0.3364,
0.3424

 1.4425, 0.4417,
0.3922

253.8374, 0.3348,

 0.2477, 0.6224,

0.3415

0.3776

305.0673, 0.3335,
0.3408

0.0000, 0.0000,
0.0000

44.0137, 0.3526,
0.3510

44.0137, 0.3526,
0.3510

38.9714, 0.3754,
0.3616

49.5959, 0.3329,
0.3407

34.4461, 0.4016,
0.3720

55.7279, 0.3160,
0.3310

30.4222, 0.4308,
0.3816

62.4270, 0.3015,
0.3219

26.8808, 0.4626,
0.3893

69.7079, 0.2891,
0.3135

23.8016, 0.4954,
0.3939

77.5846, 0.2785,
0.3059

■ 21.1628, 0.5271,
0.3941

■ 84.7600, 0.2792,
0.3185

■ 18.9397, 0.5552,
0.3892

■ 90.8777, 0.2800,
0.3289

■ 17.4542, 0.5741,
0.3824

Harmonies

Analogous

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



44.0137, 0.3500, 0.3347



44.0137, 0.3526, 0.3510



44.0137, 0.3441, 0.3622

Triad

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



44.0137, 0.3526, 0.3510



44.0137, 0.2886, 0.3404



44.0137, 0.2974, 0.2958

Complementary

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



44.0137, 0.3526, 0.3510



44.5166, 0.2785, 0.3059

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.



44.0137, 0.2817, 0.2963



44.0137, 0.3526, 0.3510



44.0137, 0.2768, 0.3214

Square

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



44.0137, 0.3526, 0.3510



44.0137, 0.3069, 0.3566



44.0137, 0.2743, 0.3054



44.0137, 0.3176, 0.3036

Rectangle

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



44.0137, 0.3526, 0.3510



44.0137, 0.3336, 0.3649



44.0137, 0.2743, 0.3054



44.0137, 0.2914, 0.2950

Sweetspot

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



44.0157, 0.3526, 0.3510



92.1228, 0.3241, 0.3358



38.9563, 0.3307, 0.2947



19.5777, 0.3251, 0.3364



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.



44.0157, 0.3526, 0.3510



72.3078, 0.3643, 0.3566



53.0142, 0.3470, 0.3776



11.2993, 0.3280, 0.3380



11.3859, 0.5716, 0.3843



0.6791, 0.5329, 0.4151

Inverse Universe

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



44.5166, 0.2785, 0.3059



73.3483, 0.2703, 0.2996



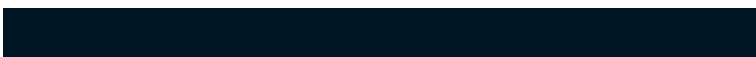
36.2700, 0.2763, 0.2752



11.3510, 0.2984, 0.3198



11.7640, 0.1884, 0.1981



0.6945, 0.1968, 0.2284

Previews

White Background



This preview shows how the Yxy color 44.0137, 0.3526, 0.3510 looks on a white background.

Color Contrast Check

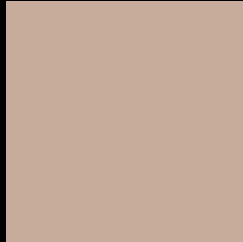
Large Text (above 18pt) WCAG AA × Fail

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 44.0137, 0.3526, 0.3510 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

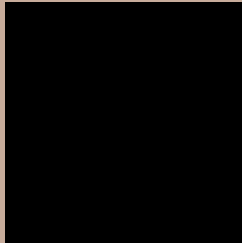
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.0137, 0.3526, 0.3510

Background



This preview shows how black text looks on a background with the Yxy color 44.0137, 0.3526, 0.3510.



This preview shows how white text looks on a background with the Yxy color 44.0137, 0.3526, 0.3510.

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

44.0137, 0.3526, 0.3510

Protanopia

44.1929, 0.3366, 0.3557

Deuteranopia

44.0489, 0.3557, 0.3495



Tritanopia

43.8980, 0.3328, 0.3128

Trichromacy



Original Color

44.0137, 0.3526, 0.3510

Protanomaly

44.0074, 0.3425, 0.3541

Deuteranomaly

43.9099, 0.3548, 0.3496

Tritanomaly

43.7720, 0.3398, 0.3253

Monochromacy



Original Color

44.0137, 0.3526, 0.3510

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.3921, 0.3266, 0.3369

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.0137, 0.3526, 0.3510 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(199, 172, 155)` looks like.

```
.text, #text, p{  
    color:rgb(199, 172, 155)  
}
```

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(199, 172, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 172, 155) }
```

Border

The CSS property to change the border of an element to Yxy 44.0137, 0.3526, 0.3510 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(199, 172, 155) }
```

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

```
.border{ border-color:rgb(199, 172, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 172, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 172, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 172, 155);  
box-shadow:4px 4px 4px 4px rgb(199, 172,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 44.0137, 0.3526, 0.3510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 172, 155) }
```

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

```
.background{ background-color: rgb(199,  
172, 155) }
```

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