

Converting Colors

Yxy(44.9640, 0.3514, 0.3508)

Have a look what the booklet for
Yxy(44.9640, 0.3514, 0.3508)
contains.

Yxy(44.9858, 0.3512, 0.3508)	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(44.9858, 0.3512, 0.3508)

Conversions

Conversions Part 1

Format	Color
Hex	C8AE9D
RGB	200, 174, 157
RGB Percent	78%, 68%, 62%
CMY	0.2158, 0.3176, 0.3842
CMYK	0.00, 0.13, 0.21, 0.22
HSL	24°, 28%, 70%
HSV	24°, 21%, 78%
XYZ	45.0371, 44.9858, 38.2148
YIQ	179.8360, 20.9530, 0.2250

Conversions

Conversions Part 2

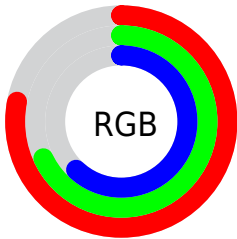
Format	Color
R_{YB}	200, 185, 157
Decimal	13151901
CIE Lab	72.88, 6.69, 12.17
CIE LCh	73, 13.887, 61.199
Yxy	44.9858, 0.3512, 0.3508
Android (android.graphics.Color)	4291341981 (0xFFC8AE9D)
YUV	179.8360, -11.2581, 17.6838
Hunter-Lab	67.0715, 2.4840, 13.1688

Details

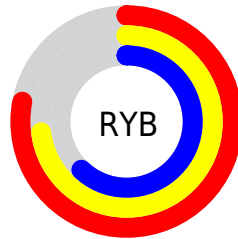
The Yxy color **44.9858, 0.3512, 0.3508** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **45.1967, 0.2795, 0.3061**, and the grayscale version is **45.6026, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.0521, 0.3423, 0.3461**, and **21.0707, 0.3626, 0.3568** is the 20% darker color. If you saturate the color by 10%, you get **39.8977, 0.3737, 0.3616**, and if you desaturate by 10%, it is **50.6100, 0.3317, 0.3403**.

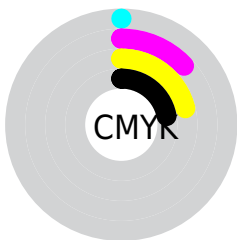
Distribution



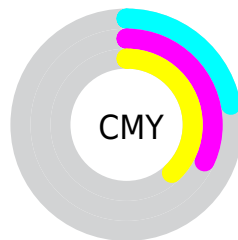
- Red (78%)
- Green (68%)
- Blue (62%)



- Red (78%)
- Yellow (73%)
- Blue (62%)



- Cyan (0%)
- Magenta (13%)
- Yellow (21%)
- Black (22%)





- Cyan (22%)
- Magenta (32%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.9858, 0.3512, 0.3508 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 44.9858, 0.3512, 0.3508 by changing the saturation by 10% instead.


 44.9858, 0.3512,
0.3508


 44.9858, 0.3512,
0.3508

366.7160, 0.3317,
0.3401

 31.4462, 0.3561,
0.3534


 82.6991, 0.3441,
0.3470

 20.9389, 0.3625,
0.3567


 107.6416, 0.3414,
0.3455

 13.0793, 0.3710,
0.3610


137.1540, 0.3392,
0.3443

 7.4832, 0.3830,
0.3668


171.6204, 0.3373,
0.3432

 3.7661, 0.4010,
0.3751

211.4255, 0.3356,
0.3423

 1.5436, 0.4332,
0.3896

256.9535, 0.3341,

 0.3191, 0.5939,

0.3415

0.4061

308.5889, 0.3329,
0.3407

0.0000, 0.0000,
0.0000

44.9858, 0.3512,
0.3508

44.9858, 0.3512,
0.3508

39.8977, 0.3737,
0.3616

50.6100, 0.3317,
0.3403

35.3230, 0.3995,
0.3723

56.7798, 0.3150,
0.3304

31.2466, 0.4283,
0.3821

63.5123, 0.3007,
0.3212

27.6498, 0.4596,
0.3902

70.8218, 0.2884,
0.3127

24.5129, 0.4920,
0.3952

78.5923, 0.2789,
0.3070

■ 21.8144, 0.5235,
0.3959

■ 85.7275, 0.2799,
0.3200

■ 19.5304, 0.5515,
0.3914

■ 91.0158, 0.2805,
0.3289

■ 17.8850, 0.5718,
0.3842

Harmonies

Analogous

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



44.9858, 0.3491, 0.3351



44.9858, 0.3512, 0.3508



44.9858, 0.3427, 0.3614

Triad

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



44.9858, 0.3512, 0.3508



44.9858, 0.2888, 0.3395



44.9858, 0.2985, 0.2970

Complementary

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



44.9858, 0.3512, 0.3508



45.1967, 0.2795, 0.3061

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.



44.9858, 0.2831, 0.2972



44.9858, 0.3512, 0.3508



44.9858, 0.2777, 0.3211

Square

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



44.9858, 0.3512, 0.3508



44.9858, 0.3065, 0.3552



44.9858, 0.2756, 0.3057



44.9858, 0.3181, 0.3047

Rectangle

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



44.9858, 0.3512, 0.3508



44.9858, 0.3323, 0.3638



44.9858, 0.2756, 0.3057



44.9858, 0.2927, 0.2961

Sweetspot

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



44.9878, 0.3512, 0.3508



93.2951, 0.3224, 0.3349



39.8356, 0.3301, 0.2957



19.8174, 0.3235, 0.3356



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.



44.9878, 0.3512, 0.3508



73.4872, 0.3618, 0.3561



53.7240, 0.3460, 0.3762



11.3140, 0.3280, 0.3382



11.5391, 0.5693, 0.3862



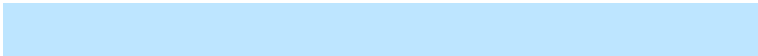
0.6871, 0.5310, 0.4166

Inverse Universe

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



45.1967, 0.2795, 0.3061



73.9110, 0.2718, 0.3002



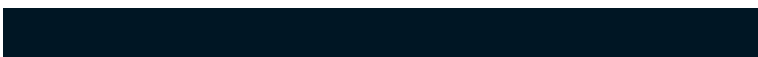
37.1896, 0.2774, 0.2769



11.3360, 0.2984, 0.3196



11.5052, 0.1876, 0.1952



0.6833, 0.1962, 0.2261

Previews

White Background



This preview shows how the Yxy color 44.9858, 0.3512, 0.3508 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 44.9858, 0.3512, 0.3508 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

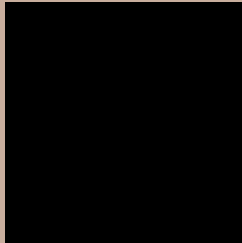
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.9858, 0.3512, 0.3508

Background



This preview shows how black text looks on a background with the Yxy color 44.9858, 0.3512, 0.3508.



This preview shows how white text looks on a background with the Yxy color 44.9858, 0.3512, 0.3508.

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

44.9858, 0.3512, 0.3508

Protanopia

44.9088, 0.3365, 0.3542

Deuteranopia

44.7767, 0.3555, 0.3481



Tritanopia

44.8649, 0.3317, 0.3129

Trichromacy



Original Color

44.9858, 0.3512, 0.3508

Protanomaly

45.1194, 0.3422, 0.3539

Deuteranomaly

45.0180, 0.3543, 0.3494

Tritanomaly

44.7384, 0.3386, 0.3253

Monochromacy



Original Color

44.9858, 0.3512, 0.3508

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

45.3841, 0.3256, 0.3369

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.9858, 0.3512, 0.3508 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, 174, 157)` looks like.

```
.text, #text, p{  
    color:rgb(200, 174, 157)  
}
```

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, 174, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 174, 157) }
```

Border

The CSS property to change the border of an element to Yxy 44.9858, 0.3512, 0.3508 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, 174, 157) }
```

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

```
.border{ border-color:rgb(200, 174, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 174, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 174, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 174, 157);  
box-shadow:4px 4px 4px 4px rgb(200, 174,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 44.9858, 0.3512, 0.3508 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 174, 157) }
```

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

```
.background{ background-color: rgb(200,  
174, 157) }
```

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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