

Converting Colors

$Y_{xy}(13.9259, 0.3752, 0.3511)$

Have a look what the booklet for
Yxy(13.9259, 0.3752, 0.3511)
contains.

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Color

Yxy(14.0127, 0.3754, 0.3509)

Conversions

Conversions Part 1

Format	Color
Hex	806257
RGB	128, 98, 87
RGB Percent	50%, 38%, 34%
CMY	0.4980, 0.6157, 0.6588
CMYK	0.00, 0.23, 0.32, 0.50
HSL	16°, 19%, 42%
HSV	16°, 32%, 50%
XYZ	14.9911, 14.0127, 10.9298
YIQ	105.7160, 21.4110, 2.9390

Conversions

Conversions Part 2

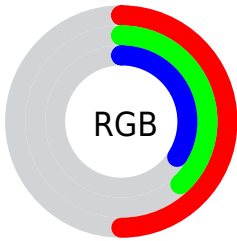
Format	Color
R_{YB}	128, 102, 87
Decimal	8413783
CIE _{Lab}	44.25, 10.44, 10.93
CIE _{LCh}	44, 15.119, 46.305
Yxy	14.0127, 0.3754, 0.3509
Android (android.graphics.Color)	4286603863 (0xFF806257)
YUV	105.7160, -9.2270, 19.5431
Hunter-Lab	37.4335, 5.9755, 8.8920

Details

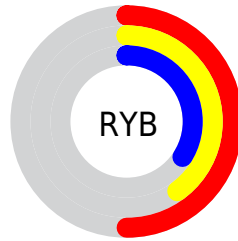
The Yxy color **14.0127, 0.3754, 0.3509** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **16.3085, 0.2661, 0.3058**, and the grayscale version is **14.3531, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.2461, 0.3597, 0.3461**, and **4.1545, 0.4075, 0.3569** is the 20% darker color. If you saturate the color by 10%, you get **12.1709, 0.4026, 0.3580**, and if you desaturate by 10%, it is **16.0980, 0.3521, 0.3437**.

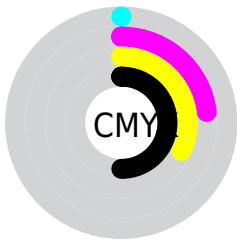
Distribution



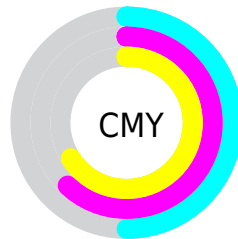
- Red (50%)
- Green (38%)
- Blue (34%)



- Red (50%)
- Yellow (40%)
- Blue (34%)



- Cyan (0%)
- Magenta (23%)
- Yellow (32%)
- Black (50%)





- Cyan (50%)
- Magenta (62%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.0127, 0.3754, 0.3509 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 14.0127, 0.3754, 0.3509 by changing the saturation by 10% instead.


 14.0127, 0.3754,
0.3509


 14.0127, 0.3754,
0.3509


217.3098, 0.3376,
0.3385


 8.1295, 0.3880,
0.3545


 33.1116, 0.3596,
0.3460


 4.1779, 0.4069,
0.3592

 47.0960, 0.3543,
0.3443


 1.7736, 0.4379,
0.3656

 64.5497, 0.3501,
0.3429

 0.4706, 0.5988,
0.4012

 85.8569, 0.3467,
0.3418

 0.0000, 0.0000,
0.0000

 111.4022, 0.3439,
0.3408

141.5698, 0.3414,

0.3399

176.7442, 0.3394,
0.3392

■ 14.0127, 0.3754,
0.3509

■ 14.0127, 0.3754,
0.3509

■ 12.1709, 0.4026,
0.3580

■ 16.0980, 0.3521,
0.3437

■ 10.5618, 0.4338,
0.3645

■ 18.4334, 0.3324,
0.3368

■ 9.1763, 0.4686,
0.3696

■ 21.0277, 0.3158,
0.3303

■ 8.0042, 0.5054,
0.3724

■ 23.8886, 0.3018,
0.3242

■ 7.0343, 0.5420,
0.3720

■ 27.0235, 0.2899,
0.3186

■ 6.2543, 0.5747,
0.3675

■ 30.4394, 0.2799,
0.3135

■ 5.7542, 0.5984,
0.3630

■ 34.1433, 0.2714,
0.3089

■ 38.1418, 0.2641,
0.3047

■ 42.4411, 0.2578,
0.3008

Harmonies

Analogous

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



14.0127, 0.3633, 0.3247



14.0127, 0.3754, 0.3509



14.0127, 0.3696, 0.3732

Triad

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



14.0127, 0.3754, 0.3509



14.0127, 0.2873, 0.3599



14.0127, 0.2764, 0.2770

Complementary

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



14.0127, 0.3754, 0.3509



16.3085, 0.2661, 0.3058

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.



14.0127, 0.2582, 0.2832



14.0127, 0.3754, 0.3509



14.0127, 0.2642, 0.3303

Square

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



14.0127, 0.3754, 0.3509



14.0127, 0.3179, 0.3806



14.0127, 0.2539, 0.3021



14.0127, 0.3050, 0.2835

Rectangle

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



14.0127, 0.3754, 0.3509



14.0127, 0.3567, 0.3826



14.0127, 0.2539, 0.3021



14.0127, 0.2690, 0.2776

Sweetspot

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



14.0134, 0.3754, 0.3509



33.2423, 0.3292, 0.3356



12.6914, 0.3325, 0.2718



7.6613, 0.3313, 0.3364



65.5931, 0.3127, 0.3290



8.8982, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



14.0134, 0.3754, 0.3509



22.4072, 0.3935, 0.3558



18.3389, 0.3639, 0.3890



4.5175, 0.3272, 0.3348



5.7067, 0.5984, 0.3631



0.0000, 0.0000, 0.0000

Inverse Universe

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



16.3085, 0.2661, 0.3058



27.0610, 0.2567, 0.3001



12.0538, 0.2609, 0.2607



4.6978, 0.2993, 0.3231



9.4248, 0.2007, 0.2424



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the Yxy color 14.0127, 0.3754, 0.3509 looks on a white background.

Color Contrast Check

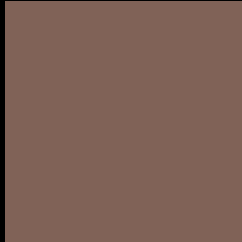
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 14.0127, 0.3754, 0.3509 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.0127, 0.3754, 0.3509

Background



This preview shows how black text looks on a background with the Yxy color 14.0127, 0.3754, 0.3509.



This preview shows how white text looks on a background with the Yxy color 14.0127, 0.3754, 0.3509.

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

14.0127, 0.3754, 0.3509

Protanopia

14.1563, 0.3401, 0.3613

Deuteranopia

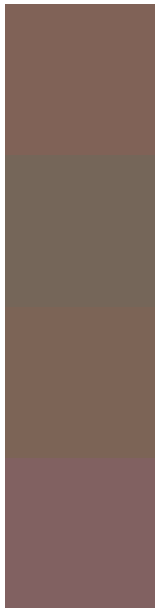
14.0442, 0.3643, 0.3598



Tritanopia

14.0908, 0.3547, 0.3156

Trichromacy



Original Color

14.0127, 0.3754, 0.3509

Protanomaly

14.0059, 0.3533, 0.3562

Deuteranomaly

14.0713, 0.3695, 0.3574

Tritanomaly

14.0796, 0.3620, 0.3291

Monochromacy



Original Color

14.0127, 0.3754, 0.3509

Achromatopsia

14.4128, 0.3127, 0.3290

Achromatomaly

14.1788, 0.3342, 0.3374

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.0127, 0.3754, 0.3509 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(128, 98, 87)` looks like.

```
.text, #text, p{  
  color:rgb(128, 98, 87)  
}
```

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(128, 98, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 98, 87) }
```

Border

The CSS property to change the border of an element to Yxy 14.0127, 0.3754, 0.3509 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(128, 98, 87) }
```

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

```
.border{ border-color:rgb(128, 98, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 98, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 98, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 98, 87);  
box-shadow:4px 4px 4px 4px rgb(128, 98,  
87) }
```


Background

The CSS property to change the background color of an element to Yxy 14.0127, 0.3754, 0.3509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 98, 87) }
```

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

```
.background{ background-color: rgb(128, 98,  
87) }
```

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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