

Converting Colors

$Y_{xy}(28.1509, 0.3784, 0.3604)$

Have a look what the booklet for
Yxy(28.1509, 0.3784, 0.3604)
contains.

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Color

Yxy(28.1509, 0.3784, 0.3604)

Conversions

Conversions Part 1

Format	Color
Hex	AE8974
RGB	174, 137, 116
RGB Percent	68%, 54%, 45%
CMY	0.3176, 0.4628, 0.5450
CMYK	0.00, 0.21, 0.33, 0.32
HSL	22°, 26%, 57%
HSV	22°, 33%, 68%
XYZ	29.5569, 28.1509, 20.4024
YIQ	145.6690, 28.7930, 1.3130

Conversions

Conversions Part 2

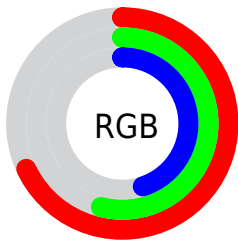
Format	Color
R_{YB}	174, 149, 116
Decimal	11438452
CIE _{Lab}	60.02, 11.05, 16.63
CIE _{LCh}	60, 19.970, 56.387
Yxy	28.1509, 0.3784, 0.3604
Android (android.graphics.Color)	4289628532 (0xFFAE8974)
YUV	145.6690, -14.6268, 24.8463
Hunter-Lab	53.0574, 6.5871, 14.3412

Details

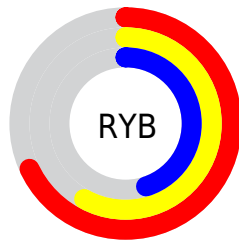
The Yxy color $28.1509, 0.3784, 0.3604$ is a dark color, and the websafe version is hex `CC9999`. A complement of this color would be $29.5638, 0.2619, 0.2951$, and the grayscale version is $28.6556, 0.3127, 0.3290$.

A 20% lighter version of the original color is $56.4771, 0.3644, 0.3541$, and $11.2268, 0.4010, 0.3691$ is the 20% darker color. If you saturate the color by 10%, you get $24.7877, 0.4051, 0.3700$, and if you desaturate by 10%, it is $31.9177, 0.3551, 0.3506$.

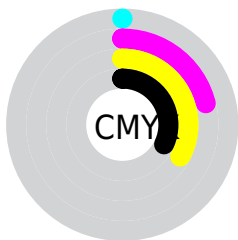
Distribution



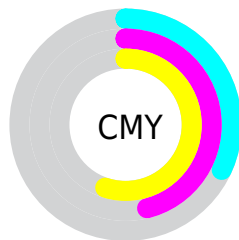
- Red (68%)
- Green (54%)
- Blue (45%)



- Red (68%)
- Yellow (58%)
- Blue (45%)



- Cyan (0%)
- Magenta (21%)
- Yellow (33%)
- Black (32%)





- Cyan (32%)
- Magenta (46%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.1509, 0.3784, 0.3604 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 28.1509, 0.3784, 0.3604 by changing the saturation by 10% instead.


 28.1509, 0.3784,
0.3604

 28.1509, 0.3784,
0.3604


293.1873, 0.3426,
0.3442

 18.4394, 0.3884,
0.3645


 56.7253, 0.3646,
0.3545

 11.2659, 0.4019,
0.3697


 76.3570, 0.3597,
0.3522

 6.2460, 0.4211,
0.3765


 100.0642, 0.3556,
0.3504

 2.9952, 0.4501,
0.3852

128.2314, 0.3522,
0.3488

 1.1292, 0.5477,
0.4347

161.2429, 0.3492,
0.3474

 0.0027, 0.9900,
0.0100

199.4831, 0.3467,

 0.0000, 0.0000,

0.3462

0.0000

243.3364, 0.3445,
0.3452

■ 28.1509, 0.3784,
0.3604

■ 28.1509, 0.3784,
0.3604

■ 24.7877, 0.4051,
0.3700

■ 31.9177, 0.3551,
0.3506

■ 21.8101, 0.4352,
0.3788

■ 36.0973, 0.3350,
0.3410

■ 19.2044, 0.4678,
0.3856


■ 40.7038, 0.3179,
0.3319


■ 16.9547, 0.5015,
0.3894


■ 45.7492, 0.3032,
0.3234

■ 15.0435, 0.5341,
0.3889


■ 51.2451, 0.2907,
0.3156

 13.4515, 0.5626,
0.3835

 57.2026, 0.2801,
0.3085

 12.5505, 0.5795,
0.3781

 63.6324, 0.2709,
0.3019

 70.5303, 0.2632,
0.2962

 76.7622, 0.2647,
0.3089

Harmonies

Analogous

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



28.1509, 0.3720, 0.3337



28.1509, 0.3784, 0.3604



28.1509, 0.3662, 0.3809

Triad

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



28.1509, 0.3784, 0.3604



28.1509, 0.2767, 0.3515



28.1509, 0.2838, 0.2756

Complementary

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



28.1509, 0.3784, 0.3604



29.5638, 0.2619, 0.2951

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.



28.1509, 0.2607, 0.2774



28.1509, 0.3784, 0.3604



28.1509, 0.2567, 0.3196

Square

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



28.1509, 0.3784, 0.3604



28.1509, 0.3069, 0.3775



28.1509, 0.2511, 0.2928



28.1509, 0.3159, 0.2865

Rectangle

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



28.1509, 0.3784, 0.3604



28.1509, 0.3497, 0.3876



28.1509, 0.2511, 0.2928



28.1509, 0.2748, 0.2747

Sweetspot

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



28.1522, 0.3784, 0.3604



68.0146, 0.3293, 0.3381



23.8179, 0.3399, 0.2743



14.8672, 0.3318, 0.3393



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



28.1522, 0.3784, 0.3604



46.4853, 0.3978, 0.3676



37.2863, 0.3656, 0.3995



8.4720, 0.3278, 0.3373



9.2051, 0.5775, 0.3797



0.3618, 0.5200, 0.4253

Inverse Universe

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



29.5638, 0.2619, 0.2951



49.4238, 0.2511, 0.2862



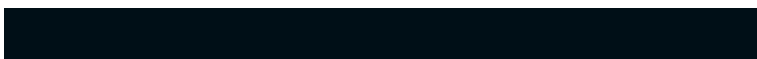
21.3653, 0.2559, 0.2469



8.5773, 0.2986, 0.3206



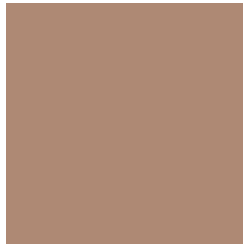
10.5863, 0.1911, 0.2080



0.3934, 0.2025, 0.2489

Previews

White Background



This preview shows how the Yxy color 28.1509, 0.3784, 0.3604 looks on a white 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

Black Background



This preview shows how the Yxy color 28.1509, 0.3784, 0.3604 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

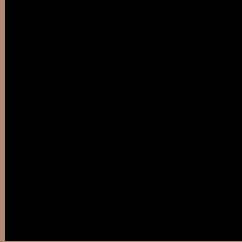
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.1509, 0.3784, 0.3604

Background



This preview shows how black text looks on a background with the Yxy color 28.1509, 0.3784, 0.3604.



This preview shows how white text looks on a background with the Yxy color 28.1509, 0.3784, 0.3604.

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

28.1509, 0.3784, 0.3604

Protanopia

28.3792, 0.3467, 0.3692

Deuteranopia

28.1612, 0.3716, 0.3641



Tritanopia

28.1053, 0.3523, 0.3146

Trichromacy



Original Color

28.1509, 0.3784, 0.3604

Protanomaly

28.2550, 0.3579, 0.3650

Deuteranomaly

28.0958, 0.3744, 0.3623

Tritanomaly

27.9738, 0.3624, 0.3306

Monochromacy



Original Color

28.1509, 0.3784, 0.3604

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

28.4621, 0.3350, 0.3416

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.1509, 0.3784, 0.3604 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(174, 137, 116)` looks like.

```
.text, #text, p{  
    color:rgb(174, 137, 116)  
}
```

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(174, 137, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 137, 116) }
```

Border

The CSS property to change the border of an element to Yxy 28.1509, 0.3784, 0.3604 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(174, 137, 116) }
```

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

```
.border{ border-color:rgb(174, 137, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 137, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 137, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 137, 116);  
box-shadow:4px 4px 4px 4px rgb(174, 137,  
116) }
```


Background

The CSS property to change the background color of an element to Yxy 28.1509, 0.3784, 0.3604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 137, 116) }
```

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

```
.background{ background-color: rgb(174,  
137, 116) }
```

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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