

Converting Colors

$Y_{xy}(28.1490, 0.3794, 0.3511)$

Have a look what the booklet for
Yxy(28.1490, 0.3794, 0.3511)
contains.

Yxy(28.1490, 0.3794, 0.3511)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(28.1490, 0.3794, 0.3511)

Conversions

Conversions Part 1

Format	Color
Hex	B28778
RGB	178, 135, 120
RGB Percent	70%, 53%, 47%
CMY	0.3019, 0.4706, 0.5293
CMYK	0.00, 0.24, 0.33, 0.30
HSL	15°, 27%, 58%
HSV	15°, 33%, 70%
XYZ	30.4179, 28.1490, 21.6068
YIQ	146.1470, 30.4430, 4.4510

Conversions

Conversions Part 2

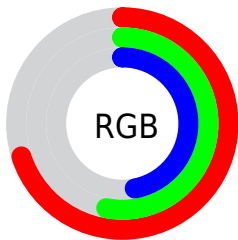
Format	Color
R_{YB}	178, 140, 120
Decimal	11700088
CIE _{Lab}	60.02, 14.32, 14.42
CIE _{LCh}	60, 20.321, 45.196
Yxy	28.1490, 0.3794, 0.3511
Android (android.graphics.Color)	4289890168 (0xFFB28778)
YUV	146.1470, -12.8905, 27.9351
Hunter-Lab	53.0556, 9.4905, 12.9932

Details

The Yxy color $28.1490, 0.3794, 0.3511$ is a dark color, and the websafe version is hex `CC9999`. A complement of this color would be $33.4195, 0.2642, 0.3056$, and the grayscale version is $28.8541, 0.3127, 0.3290$.

A 20% lighter version of the original color is $56.6072, 0.3660, 0.3471$, and $11.2370, 0.4044, 0.3579$ is the 20% darker color. If you saturate the color by 10%, you get $24.2982, 0.4083, 0.3580$, and if you desaturate by 10%, it is $32.5399, 0.3548, 0.3440$.

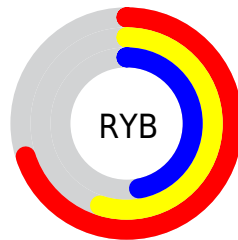
Distribution



Red (70%)

Green (53%)

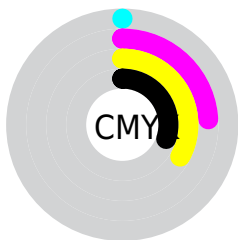
Blue (47%)



Red (70%)

Yellow (55%)

Blue (47%)

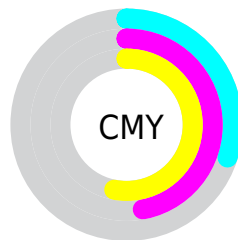


Cyan (0%)

Magenta (24%)

Yellow (33%)

Black (30%)



Cyan (30%)


Magenta (47%)

Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.1490, 0.3794, 0.3511 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 28.1490, 0.3794, 0.3511 by changing the saturation by 10% instead.


 28.1490, 0.3794,
0.3511


 28.1490, 0.3794,
0.3511

293.1782, 0.3430,
0.3400


 18.4380, 0.3896,
0.3538


 56.7222, 0.3654,
0.3471

 11.2649, 0.4035,
0.3571


 76.3533, 0.3603,
0.3456

 6.2453, 0.4232,
0.3613


 100.0598, 0.3562,
0.3443

 2.9948, 0.4534,
0.3661

128.2262, 0.3527,
0.3432

 1.1290, 0.5365,
0.3937

161.2368, 0.3497,
0.3422

 0.0026, 0.9928,
0.0072

199.4761, 0.3471,

 0.0000, 0.0000,

0.3414

0.0000

243.3284, 0.3449,
0.3407

■ 28.1490, 0.3794,
0.3511

■ 28.1490, 0.3794,
0.3511

■ 24.2982, 0.4083,
0.3580

■ 32.5399, 0.3548,
0.3440

■ 20.9624, 0.4414,
0.3643

■ 37.4868, 0.3341,
0.3371

■ 18.1204, 0.4782,
0.3689


■ 43.0100, 0.3167,
0.3306


■ 15.7478, 0.5168,
0.3709


■ 49.1275, 0.3022,
0.3246


■ 13.8181, 0.5541,
0.3692


■ 55.8563, 0.2900,
0.3190

 12.3018, 0.5860,
0.3633

 63.2131, 0.2797,
0.3140

 11.4176, 0.6055,
0.3575

 71.2136, 0.2710,
0.3094

 79.3849, 0.2673,
0.3131

 87.4729, 0.2690,
0.3276

Harmonies

Analogous

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



28.1490, 0.3658, 0.3233



28.1490, 0.3794, 0.3511



28.1490, 0.3738, 0.3752

Triad

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



28.1490, 0.3794, 0.3511



28.1490, 0.2867, 0.3631



28.1490, 0.2732, 0.2738

Complementary

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



28.1490, 0.3794, 0.3511



33.4195, 0.2642, 0.3056

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.



28.1490, 0.2544, 0.2808



28.1490, 0.3794, 0.3511



28.1490, 0.2618, 0.3315

Square

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



28.1490, 0.3794, 0.3511



28.1490, 0.3194, 0.3846



28.1490, 0.2503, 0.3012



28.1490, 0.3032, 0.2803

Rectangle

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



28.1490, 0.3794, 0.3511



28.1490, 0.3604, 0.3857



28.1490, 0.2503, 0.3012



28.1490, 0.2654, 0.2746

Sweetspot

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



28.1503, 0.3794, 0.3511



70.2773, 0.3296, 0.3355



25.5685, 0.3325, 0.2678



15.2723, 0.3322, 0.3364



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



28.1503, 0.3794, 0.3511



45.9834, 0.3994, 0.3561



37.2019, 0.3668, 0.3905



8.8502, 0.3281, 0.3349



8.2565, 0.6035, 0.3590



0.3560, 0.5484, 0.4027

Inverse Universe

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



33.4195, 0.2642, 0.3056



56.9867, 0.2543, 0.2996



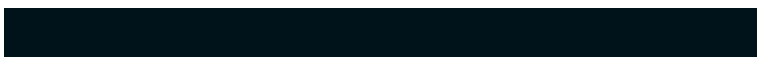
24.4047, 0.2585, 0.2587



9.2527, 0.2986, 0.3230



14.2218, 0.2012, 0.2444



0.5353, 0.2085, 0.2707

Previews

White Background



This preview shows how the Yxy color 28.1490, 0.3794, 0.3511 looks on a white background.

Color Contrast Check

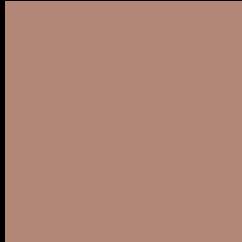
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.1490, 0.3794, 0.3511 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

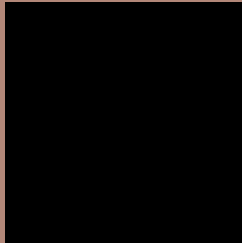
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.1490, 0.3794, 0.3511

Background



This preview shows how black text looks on a background with the Yxy color 28.1490, 0.3794, 0.3511.



This preview shows how white text looks on a background with the Yxy color 28.1490, 0.3794, 0.3511.

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

28.1490, 0.3794, 0.3511

Protanopia

28.4069, 0.3404, 0.3612

Deuteranopia

28.1220, 0.3671, 0.3596



Tritanopia

28.1588, 0.3572, 0.3148

Trichromacy



Original Color

28.1490, 0.3794, 0.3511

Protanomaly

28.0569, 0.3539, 0.3572

Deuteranomaly

28.2795, 0.3722, 0.3576

Tritanomaly

28.0800, 0.3651, 0.3277

Monochromacy



Original Color

28.1490, 0.3794, 0.3511

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

28.4212, 0.3353, 0.3369

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.1490, 0.3794, 0.3511 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(178, 135, 120)` looks like.

```
.text, #text, p{  
    color:rgb(178, 135, 120)  
}
```

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(178, 135, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 135, 120) }
```

Border

The CSS property to change the border of an element to Yxy 28.1490, 0.3794, 0.3511 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(178, 135, 120) }
```

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

```
.border{ border-color:rgb(178, 135, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 135, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 135, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 135, 120);  
box-shadow:4px 4px 4px 4px rgb(178, 135,  
120) }
```


Background

The CSS property to change the background color of an element to Yxy 28.1490, 0.3794, 0.3511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 135, 120) }
```

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

```
.background{ background-color: rgb(178,  
135, 120) }
```

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