

Converting Colors

$Y_{xy}(28.3062, 0.3845, 0.3652)$

Have a look what the booklet for
Yxy(28.3062, 0.3845, 0.3652)
contains.

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Color

Yxy(28.3137, 0.3841, 0.3646)

Conversions

Conversions Part 1

Format	Color
Hex	B08971
RGB	176, 137, 113
RGB Percent	69%, 54%, 44%
CMY	0.3099, 0.4627, 0.5569
CMYK	0.00, 0.22, 0.36, 0.31
HSL	23°, 28%, 57%
HSV	23°, 36%, 69%
XYZ	29.8280, 28.3137, 19.5152
YIQ	145.9250, 30.9480, 0.8040

Conversions

Conversions Part 2

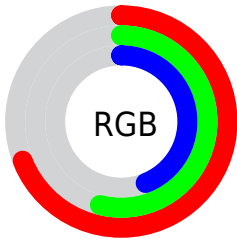
Format	Color
R_{YB}	176, 152, 113
Decimal	11569521
CIE _{Lab}	60.17, 11.46, 18.57
CIE _{LCh}	60, 21.817, 58.322
Yxy	28.3137, 0.3841, 0.3646
Android (android.graphics.Color)	4289759601 (0xFFB08971)
YUV	145.9250, -16.2320, 26.3758
Hunter-Lab	53.2106, 6.9423, 15.5026

Details

The Yxy color $28.3137, 0.3841, 0.3646$ is a dark color, and the websafe version is hex `CC9999`. A complement of this color would be $29.0919, 0.2580, 0.2901$, and the grayscale version is $28.7707, 0.3127, 0.3290$.

A 20% lighter version of the original color is $56.8672, 0.3695, 0.3573$, and $11.3356, 0.4094, 0.3746$ is the 20% darker color. If you saturate the color by 10%, you get $25.0147, 0.4112, 0.3746$, and if you desaturate by 10%, it is $32.0047, 0.3602, 0.3543$.

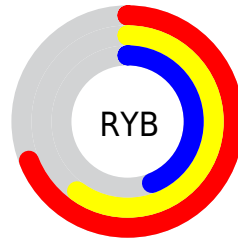
Distribution



Red (69%)

Green (54%)

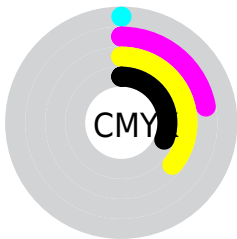
Blue (44%)



Red (69%)

Yellow (60%)

Blue (44%)

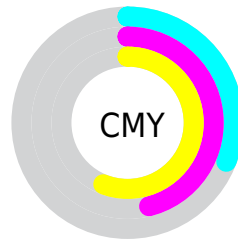


Cyan (0%)

Magenta (22%)

Yellow (36%)

Black (31%)



Cyan (31%)


Magenta (46%)


Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 28.3137, 0.3841, 0.3646 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 28.3137, 0.3841, 0.3646 by changing the saturation by 10% instead.


 28.3137, 0.3841,
0.3646

 28.3137, 0.3841,
0.3646


293.9629, 0.3452,
0.3463

 18.5623, 0.3949,
0.3692


 56.9849, 0.3692,
0.3579

 11.3544, 0.4094,
0.3750


 76.6734, 0.3638,
0.3554

 6.3057, 0.4299,
0.3824


 100.4431, 0.3594,
0.3533

 3.0319, 0.4606,
0.3917

 128.6784, 0.3556,
0.3515

 1.1484, 0.5596,
0.4404

161.7636, 0.3525,
0.3499

 0.0189, 0.9402,
0.0598

200.0832, 0.3497,

 0.0000, 0.0000,

0.3486

0.0000

244.0214, 0.3473,
0.3474

■ 28.3137, 0.3841,
0.3646

■ 28.3137, 0.3841,
0.3646

■ 25.0147, 0.4112,
0.3746

■ 32.0047, 0.3602,
0.3543

■ 22.0901, 0.4413,
0.3834

■ 36.0966, 0.3396,
0.3441

■ 19.5266, 0.4736,
0.3901

■ 40.6031, 0.3218,
0.3344


■ 17.3085, 0.5064,
0.3933


■ 45.5359, 0.3066,
0.3253

■ 15.4187, 0.5373,
0.3920

■ 50.9063, 0.2936,
0.3168


 13.8374, 0.5639,
0.3855

 56.7250, 0.2825,
0.3091

 13.2535, 0.5743,
0.3822

 63.0025, 0.2729,
0.3020

 69.7489, 0.2647,
0.2956

 75.8731, 0.2655,
0.3068

Harmonies

Analogous

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



28.3137, 0.3785, 0.3358



28.3137, 0.3841, 0.3646



28.3137, 0.3695, 0.3865

Triad

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



28.3137, 0.3841, 0.3646



28.3137, 0.2717, 0.3513



28.3137, 0.2833, 0.2715

Complementary

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



28.3137, 0.3841, 0.3646



29.0919, 0.2580, 0.2901

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.



28.3137, 0.2574, 0.2724



28.3137, 0.3841, 0.3646



28.3137, 0.2510, 0.3164

Square

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



28.3137, 0.3841, 0.3646



28.3137, 0.3039, 0.3808



28.3137, 0.2460, 0.2879



28.3137, 0.3184, 0.2841

Rectangle

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



28.3137, 0.3841, 0.3646



28.3137, 0.3508, 0.3933



28.3137, 0.2460, 0.2879



28.3137, 0.2733, 0.2702

Sweetspot

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



28.3150, 0.3841, 0.3646



69.1444, 0.3311, 0.3395



23.3346, 0.3439, 0.2716



14.7541, 0.3334, 0.3408



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.



28.3150, 0.3841, 0.3646



46.5412, 0.4054, 0.3726



38.2731, 0.3693, 0.4061



9.0187, 0.3278, 0.3377



9.8317, 0.5724, 0.3837



0.4241, 0.5202, 0.4252

Inverse Universe

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



29.0919, 0.2580, 0.2901



48.1411, 0.2462, 0.2798



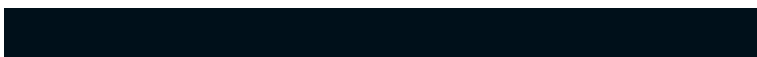
20.4161, 0.2509, 0.2379



9.0764, 0.2986, 0.3201



10.4251, 0.1892, 0.2010



0.4364, 0.2002, 0.2408

Previews

White Background



This preview shows how the Yxy color 28.3137, 0.3841, 0.3646 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 28.3137, 0.3841, 0.3646 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

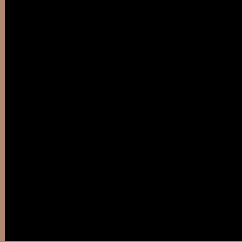
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.3137, 0.3841, 0.3646

Background



This preview shows how black text looks on a background with the Yxy color 28.3137, 0.3841, 0.3646.



This preview shows how white text looks on a background with the Yxy color 28.3137, 0.3841, 0.3646.

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

28.3137, 0.3841, 0.3646

Protanopia

28.4052, 0.3509, 0.3739

Deuteranopia

28.2035, 0.3761, 0.3685



Tritanopia

28.3419, 0.3546, 0.3147

Trichromacy



Original Color

28.3137, 0.3841, 0.3646

Protanomaly

28.2883, 0.3623, 0.3696

Deuteranomaly

28.1399, 0.3790, 0.3667

Tritanomaly

28.1811, 0.3659, 0.3321

Monochromacy



Original Color

28.3137, 0.3841, 0.3646

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

28.5343, 0.3371, 0.3432

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.3137, 0.3841, 0.3646 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(176, 137, 113)` looks like.

```
.text, #text, p{  
    color:rgb(176, 137, 113)  
}
```

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(176, 137, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 137, 113) }
```

Border

The CSS property to change the border of an element to Yxy 28.3137, 0.3841, 0.3646 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(176, 137, 113) }
```

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

```
.border{ border-color:rgb(176, 137, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 137, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 137, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 137, 113);  
box-shadow:4px 4px 4px 4px rgb(176, 137,  
113) }
```


Background

The CSS property to change the background color of an element to Yxy 28.3137, 0.3841, 0.3646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 137, 113) }
```

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

```
.background{ background-color: rgb(176,  
137, 113) }
```

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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