

Converting Colors

$Y_{xy}(28.1591, 0.3850, 0.3651)$

Have a look what the booklet for
Yxy(28.1591, 0.3850, 0.3651)
contains.

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Color

Yxy(28.2913, 0.3853, 0.3661)

Conversions

Conversions Part 1

Format	Color
Hex	B08970
RGB	176, 137, 112
RGB Percent	69%, 54%, 44%
CMY	0.3098, 0.4627, 0.5609
CMYK	0.00, 0.22, 0.36, 0.31
HSL	23°, 29%, 56%
HSV	23°, 36%, 69%
XYZ	29.7750, 28.2913, 19.2112
YIQ	145.8110, 31.2690, 0.4930

Conversions

Conversions Part 2

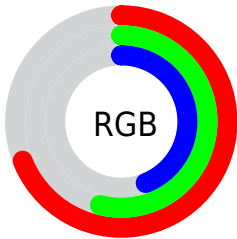
Format	Color
R_{YB}	176, 153, 112
Decimal	11569520
CIE _{Lab}	60.15, 11.34, 19.12
CIE _{LCh}	60, 22.231, 59.323
Yxy	28.2913, 0.3853, 0.3661
Android (android.graphics.Color)	4289759600 (0xFFB08970)
YUV	145.8110, -16.6688, 26.4758
Hunter-Lab	53.1896, 6.8409, 15.8181

Details

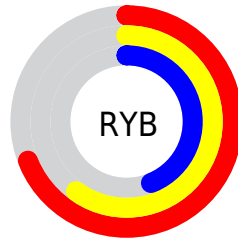
The Yxy color **28.2913, 0.3853, 0.3661** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **28.7030, 0.2569, 0.2883**, and the grayscale version is **28.7231, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.8309, 0.3704, 0.3585**, and **11.3241, 0.4110, 0.3766** is the 20% darker color. If you saturate the color by 10%, you get **25.0401, 0.4124, 0.3763**, and if you desaturate by 10%, it is **31.9247, 0.3614, 0.3555**.

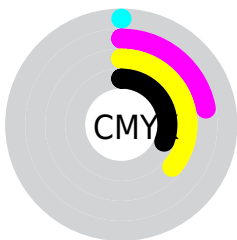
Distribution



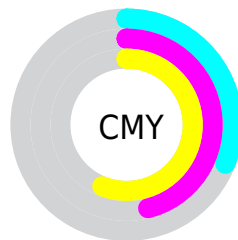
- Red (69%)
- Green (54%)
- Blue (44%)



- 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 28.2913, 0.3853, 0.3661 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 28.2913, 0.3853, 0.3661 by changing the saturation by 10% instead.


 28.2913, 0.3853,
0.3661


 28.2913, 0.3853,
0.3661

293.8562, 0.3458,
0.3471


 18.5454, 0.3963,
0.3709


 56.9492, 0.3701,
0.3591


 11.3422, 0.4110,
0.3769


 76.6299, 0.3647,
0.3565

 6.2975, 0.4317,
0.3846


 100.3910, 0.3602,
0.3543

 3.0268, 0.4627,
0.3943

 128.6169, 0.3564,
0.3524

 1.1458, 0.5589,
0.4411

161.6920, 0.3531,
0.3508

 0.0167, 0.9460,
0.0540

200.0007, 0.3504,

 0.0000, 0.0000,

0.3494

0.0000

243.9273, 0.3479,
0.3482

■ 28.2913, 0.3853,
0.3661

■ 28.2913, 0.3853,
0.3661

■ 25.0401, 0.4124,
0.3763

■ 31.9247, 0.3614,
0.3555

■ 22.1538, 0.4423,
0.3853

■ 35.9488, 0.3407,
0.3451

■ 19.6196, 0.4742,
0.3920


■ 40.3769, 0.3228,
0.3351


■ 17.4222, 0.5065,
0.3952


■ 45.2204, 0.3074,
0.3257


■ 15.5450, 0.5368,
0.3937

■ 50.4902, 0.2943,
0.3170

 13.9683, 0.5627,
0.3871

 56.1967, 0.2830,
0.3090

 13.4635, 0.5716,
0.3843

 62.3502, 0.2734,
0.3018

 68.9603, 0.2650,
0.2951

 75.0060, 0.2653,
0.3050

Harmonies

Analogous

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



28.2913, 0.3803, 0.3368



28.2913, 0.3853, 0.3661



28.2913, 0.3697, 0.3881

Triad

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



28.2913, 0.3853, 0.3661



28.2913, 0.2700, 0.3506



28.2913, 0.2838, 0.2707

Complementary

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



28.2913, 0.3853, 0.3661



28.7030, 0.2569, 0.2883

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.



28.2913, 0.2570, 0.2711



28.2913, 0.3853, 0.3661



28.2913, 0.2494, 0.3150

Square

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



28.2913, 0.3853, 0.3661



28.2913, 0.3025, 0.3811



28.2913, 0.2449, 0.2863



28.2913, 0.3198, 0.2839

Rectangle

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



28.2913, 0.3853, 0.3661



28.2913, 0.3505, 0.3947



28.2913, 0.2449, 0.2863



28.2913, 0.2735, 0.2692

Sweetspot

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



28.2926, 0.3853, 0.3661



69.2680, 0.3310, 0.3398



23.0621, 0.3459, 0.2721



14.7837, 0.3334, 0.3411



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.



28.2926, 0.3853, 0.3661



46.3157, 0.4078, 0.3747



38.6050, 0.3698, 0.4087



9.0320, 0.3278, 0.3379



9.9841, 0.5697, 0.3858



0.4295, 0.5182, 0.4267

Inverse Universe

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



28.7030, 0.2569, 0.2883



47.1529, 0.2445, 0.2771



19.8763, 0.2495, 0.2343



9.0626, 0.2986, 0.3199



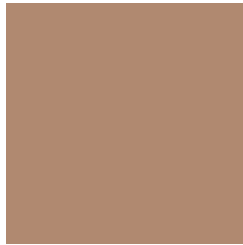
10.1621, 0.1882, 0.1976



0.4292, 0.1996, 0.2384

Previews

White Background



This preview shows how the Yxy color 28.2913, 0.3853, 0.3661 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 28.2913, 0.3853, 0.3661 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 28.2913, 0.3853, 0.3661

Background



This preview shows how black text looks on a background with the Yxy color 28.2913, 0.3853, 0.3661.



This preview shows how white text looks on a background with the Yxy color 28.2913, 0.3853, 0.3661.

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

28.2913, 0.3853, 0.3661

Protanopia

28.3818, 0.3520, 0.3755

Deuteranopia

28.1811, 0.3772, 0.3700



Tritanopia

28.3419, 0.3546, 0.3147

Trichromacy



Original Color

28.2913, 0.3853, 0.3661

Protanomaly

28.2652, 0.3633, 0.3712

Deuteranomaly

28.1175, 0.3801, 0.3682

Tritanomaly

28.1811, 0.3659, 0.3321

Monochromacy



Original Color

28.2913, 0.3853, 0.3661

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 28.2913, 0.3853, 0.3661 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, 112)` looks like.

```
.text, #text, p{  
    color:rgb(176, 137, 112)  
}
```

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, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 137, 112) }
```

Border

The CSS property to change the border of an element to Yxy 28.2913, 0.3853, 0.3661 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, 112) }
```

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

```
.border{ border-color:rgb(176, 137, 112) }
```

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, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 137, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 137, 112);  
box-shadow:4px 4px 4px 4px rgb(176, 137,  
112) }
```


Background

The CSS property to change the background color of an element to Yxy 28.2913, 0.3853, 0.3661 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, 112) }
```

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

```
.background{ background-color: rgb(176,  
137, 112) }
```

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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