

Converting Colors

$Y_{xy}(28.0963, 0.3835, 0.3904)$

Have a look what the booklet for
Yxy(28.0963, 0.3835, 0.3904)
contains.

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Color

Yxy(28.0963, 0.3835, 0.3904)

Conversions

Conversions Part 1

Format	Color
Hex	A68D65
RGB	166, 141, 101
RGB Percent	65%, 55%, 40%
CMY	0.3490, 0.4470, 0.6040
CMYK	0.00, 0.15, 0.39, 0.35
HSL	37°, 27%, 52%
HSV	37°, 39%, 65%
XYZ	27.5997, 28.0963, 16.2720
YIQ	143.9150, 27.7400, -7.1400

Conversions

Conversions Part 2

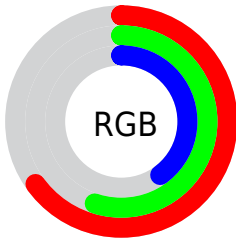
Format	Color
R_{YB}	142, 166, 101
Decimal	10915173
CIE _{Lab}	59.98, 3.62, 24.86
CIE _{LCh}	60, 25.120, 81.718
Yxy	28.0963, 0.3835, 0.3904
Android (android.graphics.Color)	4289105253 (0xFFA68D65)
YUV	143.9150, -21.1571, 19.3685
Hunter-Lab	53.0059, 0.1830, 18.9031

Details

The Yxy color $28.0963, 0.3835, 0.3904$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $20.4333, 0.2490, 0.2582$, and the grayscale version is $27.9322, 0.3127, 0.3290$.

A 20% lighter version of the original color is $56.8268, 0.3690, 0.3791$, and $11.2592, 0.4072, 0.4087$ is the 20% darker color. If you saturate the color by 10%, you get $25.9762, 0.4053, 0.4056$, and if you desaturate by 10%, it is $30.3933, 0.3630, 0.3744$.

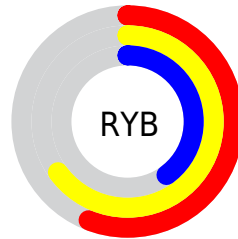
Distribution



Red (65%)

Green (55%)

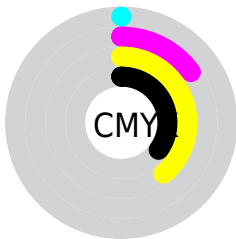
Blue (40%)



Red (56%)

Yellow (65%)

Blue (40%)

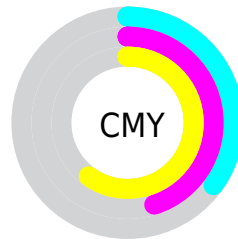


Cyan (0%)

Magenta (15%)

Yellow (39%)

Black (35%)



Cyan (35%)

Magenta (45%)


Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.0963, 0.3835, 0.3904 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 28.0963, 0.3835, 0.3904 by changing the saturation by 10% instead.


 28.0963, 0.3835,
0.3904


 28.0963, 0.3835,
0.3904


292.9268, 0.3454,
0.3579


 18.3983, 0.3938,
0.3989


 56.6382, 0.3690,
0.3782


 11.2363, 0.4074,
0.4099


 76.2508, 0.3638,
0.3738

 6.2260, 0.4260,
0.4245

 99.9370, 0.3594,
0.3700

 2.9830, 0.4541,
0.4458

 128.0813, 0.3557,
0.3669

 1.1229, 0.5112,
0.4888

161.0680, 0.3526,
0.3642

 0.0000, 1.0000,
0.0000

199.2816, 0.3498,

 0.0000, 0.0000,

0.3618

0.0000

243.1064, 0.3475,
0.3597

■ 28.0963, 0.3835,
0.3904

■ 28.0963, 0.3835,
0.3904

■ 25.9762, 0.4053,
0.4056

■ 30.3933, 0.3630,
0.3744

■ 24.0231, 0.4277,
0.4191

■ 32.8686, 0.3441,
0.3583

■ 22.2322, 0.4499,
0.4299

■ 35.5286, 0.3269,
0.3427

■ 20.5966, 0.4709,
0.4367

■ 38.3782, 0.3115,
0.3278

■ 19.1083, 0.4893,
0.4387

■ 41.4219, 0.2978,
0.3138

■ 17.7537, 0.5052,
0.4363

■ 44.6643, 0.2856,
0.3009

■ 17.6471, 0.5065,
0.4361

■ 48.1096, 0.2748,
0.2889

■ 51.7619, 0.2653,
0.2779

■ 55.6251, 0.2569,
0.2679

Harmonies

Analogous

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



28.0963, 0.3958, 0.3623



28.0963, 0.3835, 0.3904



28.0963, 0.3521, 0.4038

Triad

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



28.0963, 0.3835, 0.3904



28.0963, 0.2457, 0.3227



28.0963, 0.3097, 0.2734

Complementary

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



28.0963, 0.3835, 0.3904



20.4333, 0.2490, 0.2582

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.



28.0963, 0.2710, 0.2622



28.0963, 0.3835, 0.3904



28.0963, 0.2360, 0.2874

Square

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



28.0963, 0.3835, 0.3904



28.0963, 0.2726, 0.3635



28.0963, 0.2449, 0.2664



28.0963, 0.3517, 0.2971

Rectangle

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



28.0963, 0.3835, 0.3904



28.0963, 0.3253, 0.4004



28.0963, 0.2449, 0.2664



28.0963, 0.2959, 0.2681

Sweetspot

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



28.0976, 0.3835, 0.3904



62.9683, 0.3319, 0.3474



18.9411, 0.3690, 0.2887



13.9561, 0.3340, 0.3493



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



28.0976, 0.3835, 0.3904



47.6241, 0.4024, 0.4037



35.6370, 0.3634, 0.4263



8.2821, 0.3271, 0.3429



13.7754, 0.5055, 0.4369



0.4296, 0.4705, 0.4646

Inverse Universe

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



20.4333, 0.2490, 0.2582



31.7587, 0.2342, 0.2391



15.2099, 0.2488, 0.2144



7.7558, 0.2986, 0.3147



5.0475, 0.1680, 0.1248



0.2222, 0.1870, 0.1933

Previews

White Background



This preview shows how the Yxy color 28.0963, 0.3835, 0.3904 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 28.0963, 0.3835, 0.3904 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

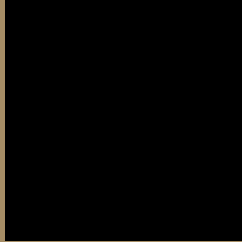
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.0963, 0.3835, 0.3904

Background



This preview shows how black text looks on a background with the Yxy color 28.0963, 0.3835, 0.3904.



This preview shows how white text looks on a background with the Yxy color 28.0963, 0.3835, 0.3904.

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

28.0963, 0.3835, 0.3904

Protanopia

28.2780, 0.3687, 0.3974

Deuteranopia

27.8872, 0.3922, 0.3845



Tritanopia

28.0612, 0.3416, 0.3128

Trichromacy



Original Color

28.0963, 0.3835, 0.3904

Protanomaly

28.3794, 0.3738, 0.3948

Deuteranomaly

27.9509, 0.3893, 0.3864

Tritanomaly

27.9380, 0.3567, 0.3397

Monochromacy



Original Color

28.0963, 0.3835, 0.3904

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

27.8788, 0.3378, 0.3531

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.0963, 0.3835, 0.3904 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(166, 141, 101)` looks like.

```
.text, #text, p{  
    color:rgb(166, 141, 101)  
}
```

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(166, 141, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 141, 101) }
```

Border

The CSS property to change the border of an element to Yxy 28.0963, 0.3835, 0.3904 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(166, 141, 101) }
```

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

```
.border{ border-color:rgb(166, 141, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 141, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 141, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 141, 101);  
box-shadow:4px 4px 4px 4px rgb(166, 141,  
101) }
```


Background

The CSS property to change the background color of an element to Yxy 28.0963, 0.3835, 0.3904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 141, 101) }
```

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

```
.background{ background-color: rgb(166,  
141, 101) }
```

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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