

Converting Colors

$Y_{xy}(27.8254, 0.3856, 0.4047)$

Have a look what the booklet for
Yxy(27.8254, 0.3856, 0.4047)
contains.

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Color

Yxy(27.8177, 0.3865, 0.4050)

Conversions

Conversions Part 1

Format	Color
Hex	A28E5D
RGB	162, 142, 93
RGB Percent	64%, 56%, 36%
CMY	0.3647, 0.4431, 0.6354
CMYK	0.00, 0.12, 0.43, 0.36
HSL	43°, 27%, 50%
HSV	43°, 43%, 64%
XYZ	26.5470, 27.8177, 14.3210
YIQ	142.3940, 27.6490, -10.9990

Conversions

Conversions Part 2

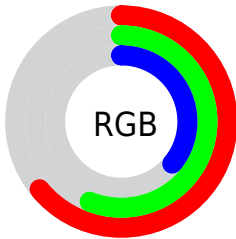
Format	Color
RYB	121, 162, 93
Decimal	10653277
CIELab	59.72, 0.44, 28.85
CIELCh	60, 28.851, 89.126
Yxy	27.8177, 0.3865, 0.4050
Android (android.graphics.Color)	4288843357 (0xFFA28E5D)
YUV	142.3940, -24.3512, 17.1945
Hunter-Lab	52.7425, -2.4545, 20.8210

Details

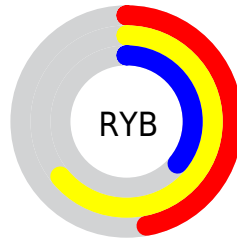
The Yxy color **27.8177, 0.3865, 0.4050** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **16.7362, 0.2413, 0.2385**, and the grayscale version is **27.3044, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.3989, 0.3715, 0.3902**, and **11.1028, 0.4103, 0.4287** is the 20% darker color. If you saturate the color by 10%, you get **26.1951, 0.4060, 0.4217**, and if you desaturate by 10%, it is **29.5625, 0.3674, 0.3871**.

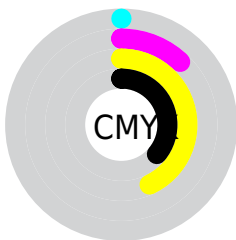
Distribution



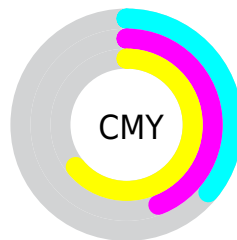
- Red (64%)
- Green (56%)
- Blue (36%)



- Red (47%)
- Yellow (64%)
- Blue (36%)



- Cyan (0%)
- Magenta (12%)
- Yellow (43%)
- Black (36%)





- Cyan (36%)
- Magenta (44%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.8177, 0.3865, 0.4050 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 27.8177, 0.3865, 0.4050 by changing the saturation by 10% instead.


 27.8177, 0.3865,
0.4050


 27.8177, 0.3865,
0.4050

291.5948, 0.3471,
0.3645


 18.1883, 0.3969,
0.4156


 56.1933, 0.3717,
0.3898


 11.0852, 0.4104,
0.4294


 75.7082, 0.3663,
0.3842

 6.1242, 0.4282,
0.4475

 99.2871, 0.3617,
0.3796

 2.9208, 0.4604,
0.4803

 127.3143, 0.3579,
0.3756

 1.0905, 0.4903,
0.5097

160.1743, 0.3546,
0.3722

 0.0000, 0.0000,
0.0000

198.2515, 0.3518,

0.3693

241.9302, 0.3493,
0.3668

■ 27.8177, 0.3865,
0.4050

■ 27.8177, 0.3865,
0.4050

■ 26.1951, 0.4060,
0.4217

■ 29.5625, 0.3674,
0.3871

■ 24.6861, 0.4252,
0.4361

■ 31.4297, 0.3492,
0.3688

■ 23.2871, 0.4432,
0.4473

■ 33.4247, 0.3322,
0.3508

■ 21.9923, 0.4592,
0.4544

■ 35.5511, 0.3165,
0.3334

■ 20.7952, 0.4724,
0.4567

■ 37.8125, 0.3023,
0.3169

■ 19.9615, 0.4810,
0.4563

■ 40.2123, 0.2895,
0.3015

■ 42.7535, 0.2780,
0.2872

■ 45.4395, 0.2678,
0.2741

■ 48.2729, 0.2586,
0.2621

Harmonies

Analogous

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



27.8177, 0.4074, 0.3752



27.8177, 0.3865, 0.4050



27.8177, 0.3463, 0.4158

Triad

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



27.8177, 0.3865, 0.4050



27.8177, 0.2315, 0.3100



27.8177, 0.3211, 0.2713

Complementary

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



27.8177, 0.3865, 0.4050



16.7362, 0.2413, 0.2385

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.



27.8177, 0.2746, 0.2546



27.8177, 0.3865, 0.4050



27.8177, 0.2259, 0.2732

Square

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



27.8177, 0.3865, 0.4050



27.8177, 0.2574, 0.3574



27.8177, 0.2410, 0.2546



27.8177, 0.3685, 0.3007

Rectangle

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



27.8177, 0.3865, 0.4050



27.8177, 0.3148, 0.4075



27.8177, 0.2410, 0.2546



27.8177, 0.3048, 0.2641

Sweetspot

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



27.8190, 0.3865, 0.4050



60.4467, 0.3332, 0.3519



16.7133, 0.3868, 0.2961



13.3995, 0.3368, 0.3557



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



27.8190, 0.3865, 0.4050



47.7409, 0.4048, 0.4207



32.9411, 0.3601, 0.4371



7.8891, 0.3268, 0.3449



15.8045, 0.4803, 0.4568



0.4069, 0.4539, 0.4778

Inverse Universe

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



16.7362, 0.2413, 0.2385



24.9792, 0.2244, 0.2141



13.5457, 0.2498, 0.2054



7.1786, 0.2987, 0.3126



3.7173, 0.1612, 0.1004



0.1554, 0.1810, 0.1714

Previews

White Background



This preview shows how the Yxy color 27.8177, 0.3865, 0.4050 looks on a white background.

Color Contrast Check

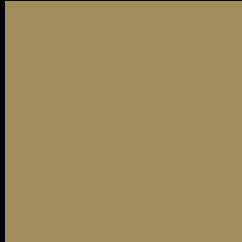
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.8177, 0.3865, 0.4050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

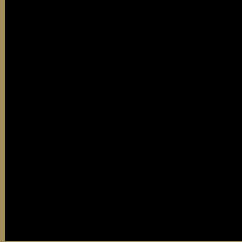
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.8177, 0.3865, 0.4050

Background



This preview shows how black text looks on a background with the Yxy color 27.8177, 0.3865, 0.4050.



This preview shows how white text looks on a background with the Yxy color 27.8177, 0.3865, 0.4050.

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

27.8177, 0.3865, 0.4050

Protanopia

27.8226, 0.3773, 0.4084

Deuteranopia

27.8693, 0.4010, 0.3943



Tritanopia

27.6188, 0.3371, 0.3126

Trichromacy



Original Color

27.8177, 0.3865, 0.4050

Protanomaly

27.7222, 0.3802, 0.4063

Deuteranomaly

27.7084, 0.3956, 0.3969

Tritanomaly

27.7086, 0.3551, 0.3460

Monochromacy



Original Color

27.8177, 0.3865, 0.4050

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

27.1908, 0.3389, 0.3584

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.8177, 0.3865, 0.4050 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(162, 142, 93)` looks like.

```
.text, #text, p{  
    color:rgb(162, 142, 93)  
}
```

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(162, 142, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 142, 93) }
```

Border

The CSS property to change the border of an element to Yxy 27.8177, 0.3865, 0.4050 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(162, 142, 93) }
```

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

```
.border{ border-color:rgb(162, 142, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 142, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 142, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 142, 93);  
box-shadow:4px 4px 4px 4px rgb(162, 142,  
93) }
```


Background

The CSS property to change the background color of an element to Yxy 27.8177, 0.3865, 0.4050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 142, 93) }
```

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

```
.background{ background-color: rgb(162,  
142, 93) }
```

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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