

Converting Colors

$Y_{xy}(29.3242, 0.3699, 0.3866)$

Have a look what the booklet for
Yxy(29.3242, 0.3699, 0.3866)
contains.

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Color

Yxy(29.4270, 0.3701, 0.3877)

Conversions

Conversions Part 1

Format	Color
Hex	A3926C
RGB	163, 146, 108
RGB Percent	64%, 57%, 42%
CMY	0.3607, 0.4274, 0.5765
CMYK	0.00, 0.10, 0.34, 0.36
HSL	41°, 23%, 53%
HSV	41°, 34%, 64%
XYZ	28.0911, 29.4270, 18.3833
YIQ	146.7510, 22.3300, -8.2140

Conversions

Conversions Part 2

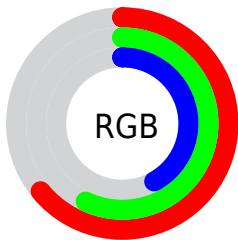
Format	Color
R_{YB}	133, 163, 108
Decimal	10719852
CIE _{Lab}	61.16, 0.48, 22.49
CIE _{LCh}	61, 22.494, 88.774
Yxy	29.4270, 0.3701, 0.3877
Android (android.graphics.Color)	4288909932 (0xFFA3926C)
YUV	146.7510, -19.1042, 14.2504
Hunter-Lab	54.2467, -2.4971, 17.8802

Details

The Yxy color $29.4270, 0.3701, 0.3877$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $20.4993, 0.2575, 0.2622$, and the grayscale version is $29.1436, 0.3127, 0.3290$.

A 20% lighter version of the original color is $58.9067, 0.3585, 0.3757$, and $12.0070, 0.3884, 0.4080$ is the 20% darker color. If you saturate the color by 10%, you get $27.5934, 0.3897, 0.4051$, and if you desaturate by 10%, it is $31.3967, 0.3515, 0.3699$.

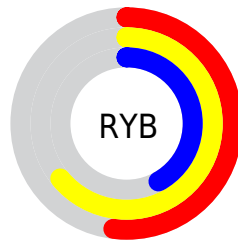
Distribution



Red (64%)

Green (57%)

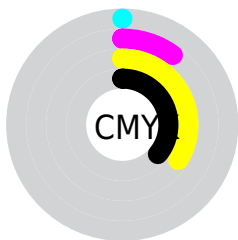
Blue (42%)



Red (52%)

Yellow (64%)

Blue (42%)

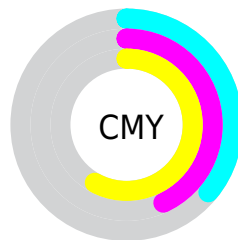


Cyan (0%)

Magenta (10%)

Yellow (34%)

Black (36%)



Cyan (36%)


Magenta (43%)


Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 29.4270, 0.3701, 0.3877 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 29.4270, 0.3701, 0.3877 by changing the saturation by 10% instead.


 29.4270, 0.3701,
0.3877


 29.4270, 0.3701,
0.3877


299.2244, 0.3394,
0.3564

 19.4041, 0.3783,
0.3961


 58.7548, 0.3585,
0.3759

 11.9626, 0.3892,
0.4071


 78.8285, 0.3543,
0.3716

 6.7182, 0.4040,
0.4220


 103.0212, 0.3508,
0.3680

 3.2865, 0.4250,
0.4431

 131.7174, 0.3478,
0.3650

 1.2831, 0.4904,
0.5096

165.3014, 0.3453,
0.3624

 0.1280, 0.5103,
0.4897

204.1576, 0.3431,

 0.0000, 0.0000,

0.3601

0.0000

248.6705, 0.3411,
0.3582

■ 29.4270, 0.3701,
0.3877

■ 29.4270, 0.3701,
0.3877

■ 27.5934, 0.3897,
0.4051

■ 31.3967, 0.3515,
0.3699

■ 25.8874, 0.4097,
0.4212

■ 33.5026, 0.3342,
0.3522

■ 24.3054, 0.4295,
0.4350

■ 35.7501, 0.3183,
0.3352

■ 22.8421, 0.4481,
0.4454

■ 38.1428, 0.3039,
0.3190

■ 21.4915, 0.4646,
0.4516

■ 40.6845, 0.2910,
0.3039

■ 20.2464, 0.4783,
0.4529

■ 43.3784, 0.2794,
0.2900

■ 19.5125, 0.4860,
0.4523

■ 46.2279, 0.2690,
0.2771

■ 49.2361, 0.2598,
0.2653

■ 52.4061, 0.2516,
0.2544

Harmonies

Analogous

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



29.4270, 0.3853, 0.3656



29.4270, 0.3701, 0.3877



29.4270, 0.3397, 0.3947

Triad

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



29.4270, 0.3701, 0.3877



29.4270, 0.2497, 0.3156



29.4270, 0.3191, 0.2836

Complementary

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



29.4270, 0.3701, 0.3877



20.4993, 0.2575, 0.2622

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.



29.4270, 0.2832, 0.2707



29.4270, 0.3701, 0.3877



29.4270, 0.2449, 0.2868

Square

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



29.4270, 0.3701, 0.3877



29.4270, 0.2706, 0.3512



29.4270, 0.2567, 0.2713



29.4270, 0.3551, 0.3070

Rectangle

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



29.4270, 0.3701, 0.3877



29.4270, 0.3154, 0.3881



29.4270, 0.2567, 0.2713



29.4270, 0.3066, 0.2779

Sweetspot

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



29.4284, 0.3701, 0.3877



61.3978, 0.3283, 0.3460



20.0018, 0.3648, 0.3016



13.6703, 0.3305, 0.3483



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.



29.4284, 0.3701, 0.3877



50.0463, 0.3857, 0.4017



34.0459, 0.3519, 0.4142



7.8660, 0.3269, 0.3445



15.2456, 0.4853, 0.4529



0.3982, 0.4565, 0.4757

Inverse Universe

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



20.4993, 0.2575, 0.2622



31.4458, 0.2432, 0.2431



17.2245, 0.2642, 0.2339



7.2006, 0.2987, 0.3130



3.9270, 0.1625, 0.1051



0.1630, 0.1826, 0.1773

Previews

White Background



This preview shows how the Yxy color 29.4270, 0.3701, 0.3877 looks on a white background.

Color Contrast Check

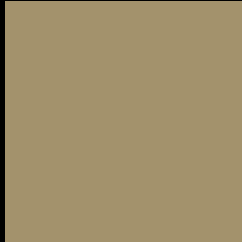
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.4270, 0.3701, 0.3877 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

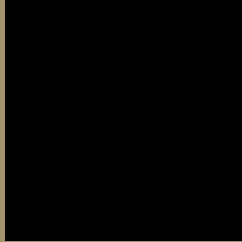
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.4270, 0.3701, 0.3877

Background



This preview shows how black text looks on a background with the Yxy color 29.4270, 0.3701, 0.3877.



This preview shows how white text looks on a background with the Yxy color 29.4270, 0.3701, 0.3877.

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

29.4270, 0.3701, 0.3877

Protanopia

29.6549, 0.3636, 0.3900

Deuteranopia

29.5641, 0.3848, 0.3777



Tritanopia

29.3154, 0.3320, 0.3128

Trichromacy



Original Color

29.4270, 0.3701, 0.3877

Protanomaly

29.4451, 0.3652, 0.3883

Deuteranomaly

29.4070, 0.3797, 0.3800

Tritanomaly

29.2023, 0.3463, 0.3397

Monochromacy



Original Color

29.4270, 0.3701, 0.3877

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

29.3332, 0.3329, 0.3512

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.4270, 0.3701, 0.3877 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(163, 146, 108)` looks like.

```
.text, #text, p{  
    color:rgb(163, 146, 108)  
}
```

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(163, 146, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 146, 108) }
```

Border

The CSS property to change the border of an element to Yxy 29.4270, 0.3701, 0.3877 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(163, 146, 108) }
```

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

```
.border{ border-color:rgb(163, 146, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 146, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 146, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 146, 108);  
box-shadow:4px 4px 4px 4px rgb(163, 146,  
108) }
```


Background

The CSS property to change the background color of an element to Yxy 29.4270, 0.3701, 0.3877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 146, 108) }
```

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

```
.background{ background-color: rgb(163,  
146, 108) }
```

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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