

Converting Colors

$Y_{xy}(29.3262, 0.3712, 0.3908)$

Have a look what the booklet for
Yxy(29.3262, 0.3712, 0.3908)
contains.

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Color

Yxy(29.2798, 0.3710, 0.3910)

Conversions

Conversions Part 1

Format	Color
Hex	A2926A
RGB	162, 146, 106
RGB Percent	64%, 57%, 42%
CMY	0.3647, 0.4274, 0.5843
CMYK	0.00, 0.10, 0.35, 0.36
HSL	43°, 23%, 53%
HSV	43°, 35%, 64%
XYZ	27.7821, 29.2798, 17.8225
YIQ	146.2240, 22.3760, -9.0480

Conversions

Conversions Part 2

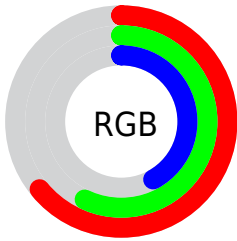
Format	Color
RYB	128, 162, 106
Decimal	10654314
CIELab	61.03, -0.19, 23.40
CIElCh	61, 23.403, 90.462
Yxy	29.2798, 0.3710, 0.3910
Android (android.graphics.Color)	4288844394 (0xFFA2926A)
YUV	146.2240, -19.8304, 13.8356
Hunter-Lab	54.1108, -3.0467, 18.3492

Details

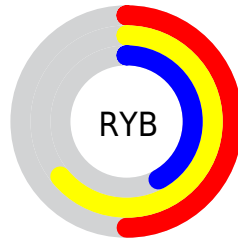
The Yxy color $29.2798, 0.3710, 0.3910$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $19.5942, 0.2557, 0.2579$, and the grayscale version is $28.9184, 0.3127, 0.3290$.

A 20% lighter version of the original color is $58.6826, 0.3592, 0.3782$, and $11.9224, 0.3896, 0.4127$ is the 20% darker color. If you saturate the color by 10%, you get $27.5764, 0.3901, 0.4088$, and if you desaturate by 10%, it is $31.1074, 0.3526, 0.3727$.

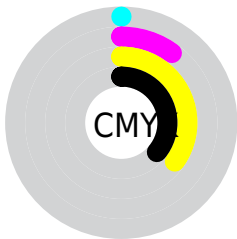
Distribution



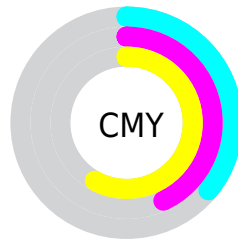
- Red (64%)
- Green (57%)
- Blue (42%)



- Red (50%)
- Yellow (64%)
- Blue (42%)



- Cyan (0%)
- Magenta (10%)
- Yellow (35%)
- Black (36%)





- Cyan (36%)
- Magenta (43%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.2798, 0.3710, 0.3910 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 29.2798, 0.3710, 0.3910 by changing the saturation by 10% instead.


 29.2798, 0.3710,
0.3910

 29.2798, 0.3710,
0.3910


298.5328, 0.3399,
0.3579

 19.2926, 0.3793,
0.3999


 58.5213, 0.3593,
0.3785


 11.8819, 0.3902,
0.4115


 78.5445, 0.3550,
0.3739

 6.6633, 0.4051,
0.4274


 102.6817, 0.3514,
0.3701

 3.2524, 0.4260,
0.4498

 131.3174, 0.3484,
0.3669

 1.2649, 0.4861,
0.5139

164.8359, 0.3458,
0.3642

 0.1138, 0.4764,
0.5236

203.6218, 0.3436,

 0.0000, 0.0000,

0.3618

0.0000

248.0593, 0.3416,
0.3597

■ 29.2798, 0.3710,
0.3910

■ 29.2798, 0.3710,
0.3910

■ 27.5764, 0.3901,
0.4088

■ 31.1074, 0.3526,
0.3727

■ 25.9889, 0.4095,
0.4252

■ 33.0591, 0.3354,
0.3544

■ 24.5141, 0.4284,
0.4391

■ 35.1401, 0.3195,
0.3368

■ 23.1467, 0.4460,
0.4496

■ 37.3538, 0.3050,
0.3200

■ 21.8810, 0.4613,
0.4559

■ 39.7036, 0.2919,
0.3043

■ 20.7100, 0.4738,
0.4573

■ 42.1928, 0.2802,
0.2898

■ 20.1052, 0.4800,
0.4571

■ 44.8244, 0.2697,
0.2763

■ 47.6014, 0.2603,
0.2640

■ 50.5266, 0.2519,
0.2527

Harmonies

Analogous

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



29.2798, 0.3880, 0.3685



29.2798, 0.3710, 0.3910



29.2798, 0.3386, 0.3974

Triad

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



29.2798, 0.3710, 0.3910



29.2798, 0.2465, 0.3130



29.2798, 0.3215, 0.2829

Complementary

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



29.2798, 0.3710, 0.3910



19.5942, 0.2557, 0.2579

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.



29.2798, 0.2839, 0.2688



29.2798, 0.3710, 0.3910



29.2798, 0.2425, 0.2837

Square

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



29.2798, 0.3710, 0.3910



29.2798, 0.2672, 0.3500



29.2798, 0.2557, 0.2685



29.2798, 0.3587, 0.3077

Rectangle

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



29.2798, 0.3710, 0.3910



29.2798, 0.3133, 0.3898



29.2798, 0.2557, 0.2685



29.2798, 0.3084, 0.2769

Sweetspot

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



29.2811, 0.3710, 0.3910



61.6346, 0.3283, 0.3466



19.4155, 0.3678, 0.3024



13.7302, 0.3304, 0.3490



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.



29.2811, 0.3710, 0.3910



50.8986, 0.3848, 0.4039



33.4457, 0.3518, 0.4165



7.8935, 0.3268, 0.3450



15.9133, 0.4793, 0.4576



0.4086, 0.4534, 0.4782

Inverse Universe

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



19.5942, 0.2557, 0.2579



30.7956, 0.2427, 0.2401



16.7129, 0.2638, 0.2316



7.1744, 0.2987, 0.3125



3.6789, 0.1610, 0.0996



0.1539, 0.1806, 0.1702

Previews

White Background



This preview shows how the Yxy color 29.2798, 0.3710, 0.3910 looks on a white background.

Color Contrast Check

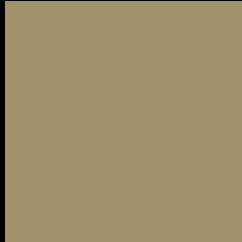
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.2798, 0.3710, 0.3910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

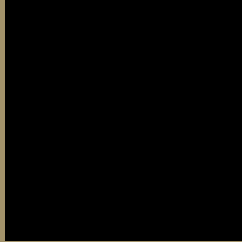
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.2798, 0.3710, 0.3910

Background



This preview shows how black text looks on a background with the Yxy color 29.2798, 0.3710, 0.3910.



This preview shows how white text looks on a background with the Yxy color 29.2798, 0.3710, 0.3910.

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

29.2798, 0.3710, 0.3910

Protanopia

29.1981, 0.3649, 0.3919

Deuteranopia

29.2252, 0.3875, 0.3793



Tritanopia

29.2060, 0.3309, 0.3127

Trichromacy



Original Color

29.2798, 0.3710, 0.3910

Protanomaly

29.2999, 0.3661, 0.3917

Deuteranomaly

29.2525, 0.3806, 0.3832

Tritanomaly

29.0946, 0.3452, 0.3397

Monochromacy



Original Color

29.2798, 0.3710, 0.3910

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

28.8719, 0.3340, 0.3529

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.2798, 0.3710, 0.3910 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, 146, 106)` looks like.

```
.text, #text, p{  
    color:rgb(162, 146, 106)  
}
```

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, 146, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 146, 106) }
```

Border

The CSS property to change the border of an element to Yxy 29.2798, 0.3710, 0.3910 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, 146, 106) }
```

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

```
.border{ border-color:rgb(162, 146, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 146, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 146, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 146, 106);  
box-shadow:4px 4px 4px 4px rgb(162, 146,  
106) }
```


Background

The CSS property to change the background color of an element to Yxy 29.2798, 0.3710, 0.3910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 146, 106) }
```

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

```
.background{ background-color: rgb(162,  
146, 106) }
```

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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