

Converting Colors

$Y_{xy}(30.7260, 0.3689, 0.3922)$

Have a look what the booklet for
Yxy(30.7260, 0.3689, 0.3922)
contains.

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Color

Yxy(30.7879, 0.3693, 0.3931)

Conversions

Conversions Part 1

Format	Color
Hex	A4966C
RGB	164, 150, 108
RGB Percent	64%, 59%, 42%
CMY	0.3569, 0.4118, 0.5764
CMYK	0.00, 0.09, 0.34, 0.36
HSL	45°, 24%, 53%
HSV	45°, 34%, 64%
XYZ	28.9239, 30.7879, 18.6090
YIQ	149.3980, 21.8260, -10.0940

Conversions

Conversions Part 2

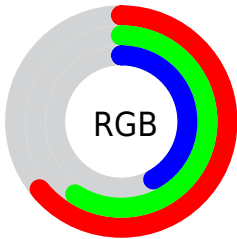
Format	Color
RYB	127, 164, 108
Decimal	10786412
CIELab	62.33, -1.31, 24.06
CIElCh	62, 24.094, 93.115
Yxy	30.7879, 0.3693, 0.3931
Android (android.graphics.Color)	4288976492 (0xFFA4966C)
YUV	149.3980, -20.4092, 12.8060
Hunter-Lab	55.4868, -4.0545, 18.9563

Details

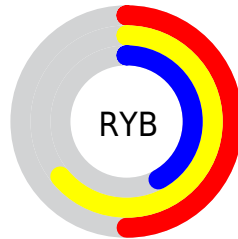
The Yxy color **30.7879, 0.3693, 0.3931** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **19.7919, 0.2560, 0.2553**, and the grayscale version is **30.3133, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.9394, 0.3582, 0.3800**, and **12.6294, 0.3873, 0.4134** is the 20% darker color. If you saturate the color by 10%, you get **29.1862, 0.3877, 0.4117**, and if you desaturate by 10%, it is **32.5039, 0.3514, 0.3739**.

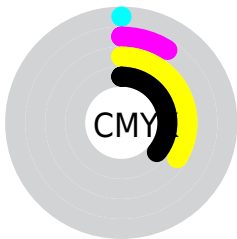
Distribution



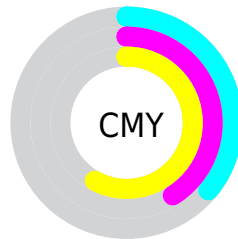
- Red (64%)
- Green (59%)
- Blue (42%)



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



- Cyan (0%)
- Magenta (9%)
- Yellow (34%)
- Black (36%)





- Cyan (36%)
- Magenta (41%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 30.7879, 0.3693, 0.3931 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 30.7879, 0.3693, 0.3931 by changing the saturation by 10% instead.


 30.7879, 0.3693,
0.3931


 30.7879, 0.3693,
0.3931


305.5600, 0.3394,
0.3590

 20.4374, 0.3772,
0.4022


 60.9060, 0.3581,
0.3803

 12.7134, 0.3874,
0.4141


 81.4424, 0.3540,
0.3756

 7.2315, 0.4012,
0.4302

 106.1428, 0.3506,
0.3717

 3.6073, 0.4203,
0.4529

 135.3917, 0.3477,
0.3684

 1.4564, 0.4792,
0.5208

169.5735, 0.3452,
0.3655

 0.2577, 0.4525,
0.5475

209.0725, 0.3430,

 0.0000, 0.0000,

0.3631

0.0000

254.2732, 0.3411,
0.3609

■ 30.7879, 0.3693,
0.3931

■ 30.7879, 0.3693,
0.3931

■ 29.1862, 0.3877,
0.4117

■ 32.5039, 0.3514,
0.3739

■ 27.6905, 0.4062,
0.4288

■ 34.3339, 0.3345,
0.3549

■ 26.2976, 0.4239,
0.4435

■ 36.2828, 0.3188,
0.3364

■ 25.0025, 0.4402,
0.4547

■ 38.3541, 0.3044,
0.3188

■ 23.7995, 0.4542,
0.4617

■ 40.5511, 0.2914,
0.3024

■ 22.6819, 0.4653,
0.4640

■ 42.8768, 0.2796,
0.2871

■ 22.0571, 0.4712,
0.4641

■ 45.3342, 0.2689,
0.2730

■ 47.9261, 0.2594,
0.2600

■ 50.6155, 0.2513,
0.2488

Harmonies

Analogous

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



30.7879, 0.3882, 0.3714



30.7879, 0.3693, 0.3931



30.7879, 0.3356, 0.3978

Triad

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



30.7879, 0.3693, 0.3931



30.7879, 0.2446, 0.3097



30.7879, 0.3251, 0.2843

Complementary

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



30.7879, 0.3693, 0.3931



19.7919, 0.2560, 0.2553

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.



30.7879, 0.2866, 0.2688



30.7879, 0.3693, 0.3931



30.7879, 0.2422, 0.2811

Square

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



30.7879, 0.3693, 0.3931



30.7879, 0.2642, 0.3470



30.7879, 0.2570, 0.2672



30.7879, 0.3622, 0.3100

Rectangle

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



30.7879, 0.3693, 0.3931



30.7879, 0.3098, 0.3888



30.7879, 0.2570, 0.2672



30.7879, 0.3119, 0.2778

Sweetspot

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



30.7893, 0.3693, 0.3931



63.6911, 0.3282, 0.3475



20.0495, 0.3696, 0.3056



13.8224, 0.3303, 0.3500



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.



30.7893, 0.3693, 0.3931



53.6472, 0.3833, 0.4074



34.2083, 0.3495, 0.4160



7.9359, 0.3267, 0.3458



16.9900, 0.4705, 0.4646



0.4250, 0.4486, 0.4820

Inverse Universe

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



19.7919, 0.2560, 0.2553



30.6157, 0.2419, 0.2354



17.4790, 0.2666, 0.2334



7.1344, 0.2987, 0.3117



3.3379, 0.1588, 0.0917



0.1401, 0.1775, 0.1590

Previews

White Background



This preview shows how the Yxy color 30.7879, 0.3693, 0.3931 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 30.7879, 0.3693, 0.3931 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

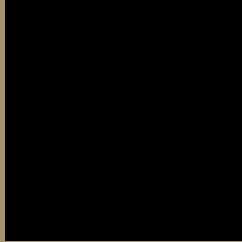
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.7879, 0.3693, 0.3931

Background



This preview shows how black text looks on a background with the Yxy color 30.7879, 0.3693, 0.3931.



This preview shows how white text looks on a background with the Yxy color 30.7879, 0.3693, 0.3931.

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

30.7879, 0.3693, 0.3931

Protanopia

30.8973, 0.3666, 0.3951

Deuteranopia

30.6344, 0.3882, 0.3797



Tritanopia

30.7481, 0.3283, 0.3130

Trichromacy



Original Color

30.7879, 0.3693, 0.3931

Protanomaly

31.0025, 0.3677, 0.3948

Deuteranomaly

30.6606, 0.3815, 0.3836

Tritanomaly

30.6082, 0.3432, 0.3411

Monochromacy



Original Color

30.7879, 0.3693, 0.3931

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

30.0861, 0.3326, 0.3526

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.7879, 0.3693, 0.3931 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(164, 150, 108)` looks like.

```
.text, #text, p{  
    color:rgb(164, 150, 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(164, 150, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 150, 108) }
```

Border

The CSS property to change the border of an element to Yxy 30.7879, 0.3693, 0.3931 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(164, 150, 108) }
```

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

```
.border{ border-color:rgb(164, 150, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 150, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 150, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 150, 108);  
box-shadow:4px 4px 4px 4px rgb(164, 150,  
108) }
```


Background

The CSS property to change the background color of an element to Yxy 30.7879, 0.3693, 0.3931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 150, 108) }
```

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

```
.background{ background-color: rgb(164,  
150, 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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