

Converting Colors

$Y_{xy}(28.5675, 0.3795, 0.3791)$

Have a look what the booklet for
Yxy(28.5675, 0.3795, 0.3791)
contains.

Yxy(28.5675, 0.3795, 0.3791)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(28.5675, 0.3795, 0.3791)

Conversions

Conversions Part 1

Format	Color
Hex	A98D6C
RGB	169, 141, 108
RGB Percent	66%, 55%, 42%
CMY	0.3371, 0.4471, 0.5765
CMYK	0.00, 0.17, 0.36, 0.34
HSL	32°, 26%, 54%
HSV	32°, 36%, 66%
XYZ	28.5976, 28.5675, 18.1910
YIQ	145.6100, 27.2810, -4.3270

Conversions

Conversions Part 2

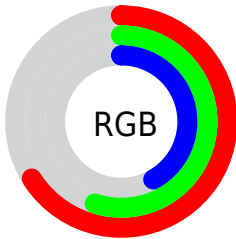
Format	Color
R _Y B	160, 169, 108
Decimal	11111788
CIE Lab	60.40, 5.74, 21.57
CIE LCh	60, 22.319, 75.094
Yxy	28.5675, 0.3795, 0.3791
Android (android.graphics.Color)	4289301868 (0xFFA98D6C)
YUV	145.6100, -18.5417, 20.5130
Hunter-Lab	53.4486, 1.9714, 17.2349

Details

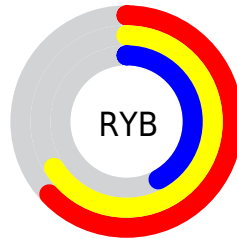
The Yxy color $28.5675, 0.3795, 0.3791$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $23.6675, 0.2553, 0.2728$, and the grayscale version is $28.6468, 0.3127, 0.3290$.

A 20% lighter version of the original color is $57.5758, 0.3651, 0.3694$, and $11.5214, 0.4033, 0.3951$ is the 20% darker color. If you saturate the color by 10%, you get $26.0336, 0.4027, 0.3930$, and if you desaturate by 10%, it is $31.3343, 0.3582, 0.3648$.

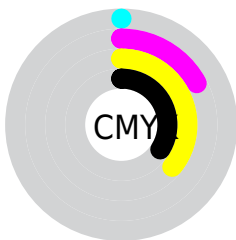
Distribution



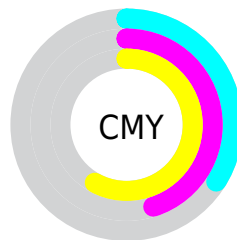
- Red (66%)
- Green (55%)
- Blue (42%)



- Red (63%)
- Yellow (66%)
- Blue (42%)



- Cyan (0%)
- Magenta (17%)
- Yellow (36%)
- Black (34%)





- Cyan (34%)
- Magenta (45%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.5675, 0.3795, 0.3791 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 28.5675, 0.3795, 0.3791 by changing the saturation by 10% instead.


 28.5675, 0.3795,
0.3791


 28.5675, 0.3795,
0.3791


295.1688, 0.3434,
0.3528

 18.7539, 0.3894,
0.3860


 57.3892, 0.3657,
0.3693

 11.4926, 0.4025,
0.3949


 77.1661, 0.3608,
0.3657

 6.3992, 0.4208,
0.4067


 101.0329, 0.3566,
0.3626

 3.0893, 0.4474,
0.4226

 129.3739, 0.3532,
0.3601

 1.1785, 0.5242,
0.4758

162.5737, 0.3502,
0.3578

 0.0441, 0.8051,
0.1949

201.0164, 0.3476,

 0.0000, 0.0000,

0.3559

0.0000

245.0867, 0.3454,
0.3543

■ 28.5675, 0.3795,
0.3791

■ 28.5675, 0.3795,
0.3791

■ 26.0336, 0.4027,
0.3930

■ 31.3343, 0.3582,
0.3648

■ 23.7214, 0.4274,
0.4055

■ 34.3369, 0.3391,
0.3506

■ 21.6242, 0.4528,
0.4157

■ 37.5831, 0.3221,
0.3370

■ 19.7337, 0.4777,
0.4222

■ 41.0793, 0.3071,
0.3241

■ 18.0403, 0.5007,
0.4242

■ 44.8314, 0.2939,
0.3121

■ 16.5326, 0.5205,
0.4209

■ 48.8451, 0.2824,
0.3010

■ 15.9888, 0.5279,
0.4190

■ 53.1260, 0.2722,
0.2908

■ 57.6794, 0.2633,
0.2815

■ 62.1767, 0.2582,
0.2783

Harmonies

Analogous

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



28.5675, 0.3857, 0.3527



28.5675, 0.3795, 0.3791



28.5675, 0.3550, 0.3940

Triad

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



28.5675, 0.3795, 0.3791



28.5675, 0.2573, 0.3316



28.5675, 0.3020, 0.2761

Complementary

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



28.5675, 0.3795, 0.3791



23.6675, 0.2553, 0.2728

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.



28.5675, 0.2695, 0.2690



28.5675, 0.3795, 0.3791



28.5675, 0.2449, 0.2985

Square

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



28.5675, 0.3795, 0.3791



28.5675, 0.2843, 0.3665



28.5675, 0.2492, 0.2764



28.5675, 0.3394, 0.2952

Rectangle

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



28.5675, 0.3795, 0.3791



28.5675, 0.3322, 0.3938



28.5675, 0.2492, 0.2764



28.5675, 0.2902, 0.2722

Sweetspot

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



28.5688, 0.3795, 0.3791



64.2745, 0.3305, 0.3438



20.9520, 0.3576, 0.2859



13.8471, 0.3327, 0.3456



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.



28.5688, 0.3795, 0.3791



47.6351, 0.3971, 0.3898



37.6831, 0.3638, 0.4176



8.1891, 0.3273, 0.3412



12.0204, 0.5265, 0.4202



0.3930, 0.4825, 0.4551

Inverse Universe

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



23.6675, 0.2553, 0.2728



37.6096, 0.2428, 0.2584



16.9051, 0.2505, 0.2234



7.8470, 0.2987, 0.3165



6.2600, 0.1743, 0.1475



0.2553, 0.1922, 0.2120

Previews

White Background



This preview shows how the Yxy color 28.5675, 0.3795, 0.3791 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 28.5675, 0.3795, 0.3791 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

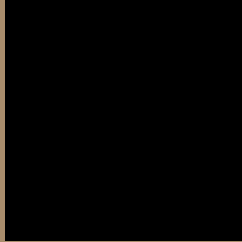
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.5675, 0.3795, 0.3791

Background



This preview shows how black text looks on a background with the Yxy color 28.5675, 0.3795, 0.3791.



This preview shows how white text looks on a background with the Yxy color 28.5675, 0.3795, 0.3791.

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

28.5675, 0.3795, 0.3791

Protanopia

28.7515, 0.3601, 0.3862

Deuteranopia

28.6095, 0.3835, 0.3770



Tritanopia

28.5679, 0.3437, 0.3144

Trichromacy



Original Color

28.5675, 0.3795, 0.3791

Protanomaly

28.6277, 0.3677, 0.3837

Deuteranomaly

28.4968, 0.3823, 0.3772

Tritanomaly

28.6136, 0.3576, 0.3381

Monochromacy



Original Color

28.5675, 0.3795, 0.3791

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

28.4825, 0.3356, 0.3481

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.5675, 0.3795, 0.3791 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(169, 141, 108)` looks like.

```
.text, #text, p{  
    color:rgb(169, 141, 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(169, 141, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 141, 108) }
```

Border

The CSS property to change the border of an element to Yxy 28.5675, 0.3795, 0.3791 is called "border". The border property can be set on classes, ids or directly on the HTML element.

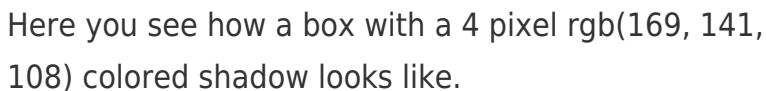
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(169, 141, 108) }
```

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

```
.border{ border-color:rgb(169, 141, 108) }
```

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



Here you see how a box with a 4 pixel `rgb(169, 141, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(169, 141, 108); -webkit-box-shadow:4px 4px 4px 4px rgb(169, 141, 108); box-shadow:4px 4px 4px 4px rgb(169, 141, 108) }
```


Background

The CSS property to change the background color of an element to Yxy 28.5675, 0.3795, 0.3791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 141, 108) }
```

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

```
.background{ background-color: rgb(169,  
141, 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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