

Converting Colors

$Y_{xy}(28.7313, 0.3770, 0.3742)$

Have a look what the booklet for
Yxy(28.7313, 0.3770, 0.3742)
contains.

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Color

Yxy(28.7435, 0.3774, 0.3744)

Conversions

Conversions Part 1

Format	Color
Hex	AA8D6F
RGB	170, 141, 111
RGB Percent	67%, 55%, 44%
CMY	0.3333, 0.4471, 0.5648
CMYK	0.00, 0.17, 0.35, 0.33
HSL	31°, 26%, 55%
HSV	31°, 35%, 67%
XYZ	28.9738, 28.7435, 19.0549
YIQ	146.2510, 26.9140, -3.1820

Conversions

Conversions Part 2

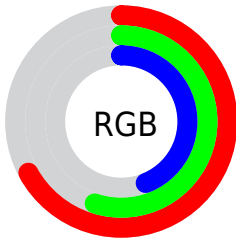
Format	Color
R _Y B	168, 170, 111
Decimal	11177327
CIE Lab	60.55, 6.53, 20.12
CIE LCh	61, 21.154, 72.022
Yxy	28.7435, 0.3774, 0.3744
Android (android.graphics.Color)	4289367407 (0xFFAA8D6F)
YUV	146.2510, -17.3787, 20.8279
Hunter-Lab	53.6130, 2.6433, 16.4565

Details

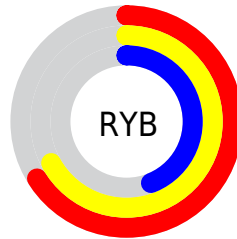
The Yxy color $28.7435, 0.3774, 0.3744$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $25.0385, 0.2580, 0.2786$, and the grayscale version is $28.9181, 0.3127, 0.3290$.

A 20% lighter version of the original color is $57.8433, 0.3636, 0.3658$, and $11.6230, 0.4003, 0.3886$ is the 20% darker color. If you saturate the color by 10%, you get $26.0329, 0.4011, 0.3876$, and if you desaturate by 10%, it is $31.7140, 0.3559, 0.3609$.

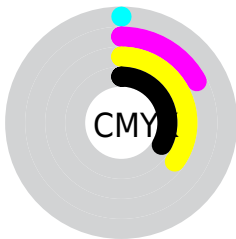
Distribution



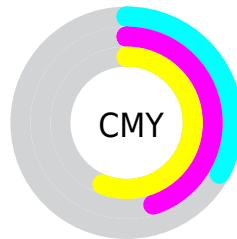
- Red (67%)
- Green (55%)
- Blue (44%)



- Red (66%)
- Yellow (67%)
- Blue (44%)



- Cyan (0%)
- Magenta (17%)
- Yellow (35%)
- Black (33%)



- Cyan (33%)
- Magenta (45%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.7435, 0.3774, 0.3744 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 28.7435, 0.3774, 0.3744 by changing the saturation by 10% instead.

 28.7435, 0.3774,
0.3744


 28.7435, 0.3774,
0.3744


296.0028, 0.3424,
0.3506


 18.8869, 0.3870,
0.3806


 57.6693, 0.3640,
0.3655


 11.5886, 0.3999,
0.3886


 77.5073, 0.3592,
0.3623

 6.4642, 0.4178,
0.3993


 101.4411, 0.3552,
0.3595

 3.1293, 0.4442,
0.4137

 129.8553, 0.3518,
0.3572

 1.1996, 0.5289,
0.4711

163.1342, 0.3490,
0.3552

 0.0614, 0.7801,
0.2199

201.6621, 0.3465,

 0.0000, 0.0000,

0.3535

0.0000

245.8235, 0.3443,
0.3519

■ 28.7435, 0.3774,
0.3744

■ 28.7435, 0.3774,
0.3744

■ 26.0329, 0.4011,
0.3876

■ 31.7140, 0.3559,
0.3609

■ 23.5702, 0.4267,
0.3997

■ 34.9482, 0.3368,
0.3475

■ 21.3479, 0.4534,
0.4095

■ 38.4547, 0.3199,
0.3348

■ 19.3567, 0.4800,
0.4160

■ 42.2405, 0.3052,
0.3228

■ 17.5863, 0.5049,
0.4179

■ 46.3122, 0.2923,
0.3116

■ 16.0249, 0.5266,
0.4145

■ 50.6763, 0.2810,
0.3013

■ 15.2746, 0.5374,
0.4115

■ 55.3390, 0.2711,
0.2919

■ 60.3064, 0.2625,
0.2833

■ 64.9908, 0.2595,
0.2847

Harmonies

Analogous

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



28.7435, 0.3811, 0.3487



28.7435, 0.3774, 0.3744



28.7435, 0.3558, 0.3897

Triad

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



28.7435, 0.3774, 0.3744



28.7435, 0.2623, 0.3351



28.7435, 0.2992, 0.2775

Complementary

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



28.7435, 0.3774, 0.3744



25.0385, 0.2580, 0.2786

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.



28.7435, 0.2692, 0.2722



28.7435, 0.3774, 0.3744



28.7435, 0.2489, 0.3031

Square

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



28.7435, 0.3774, 0.3744



28.7435, 0.2891, 0.3674



28.7435, 0.2513, 0.2808



28.7435, 0.3345, 0.2947

Rectangle

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



28.7435, 0.3774, 0.3744



28.7435, 0.3348, 0.3907



28.7435, 0.2513, 0.2808



28.7435, 0.2882, 0.2742

Sweetspot

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



28.7448, 0.3774, 0.3744



66.2214, 0.3289, 0.3417



21.8217, 0.3527, 0.2847



14.5757, 0.3312, 0.3434



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



28.7448, 0.3774, 0.3744



48.1515, 0.3963, 0.3851



38.4517, 0.3639, 0.4137



8.1492, 0.3274, 0.3405



11.3456, 0.5357, 0.4128



0.3781, 0.4879, 0.4508

Inverse Universe

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



25.0385, 0.2580, 0.2786



40.3637, 0.2451, 0.2645



17.6468, 0.2513, 0.2275



7.8866, 0.2987, 0.3172



6.8610, 0.1772, 0.1579



0.2696, 0.1943, 0.2195

Previews

White Background



This preview shows how the Yxy color 28.7435, 0.3774, 0.3744 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 28.7435, 0.3774, 0.3744 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

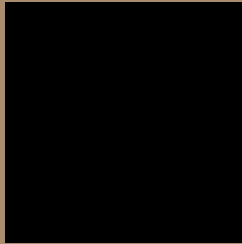
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.7435, 0.3774, 0.3744

Background



This preview shows how black text looks on a background with the Yxy color 28.7435, 0.3774, 0.3744.



This preview shows how white text looks on a background with the Yxy color 28.7435, 0.3774, 0.3744.

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

28.7435, 0.3774, 0.3744

Protanopia

28.8179, 0.3570, 0.3814

Deuteranopia

28.6745, 0.3802, 0.3726



Tritanopia

28.7136, 0.3437, 0.3130

Trichromacy



Original Color

28.7435, 0.3774, 0.3744

Protanomaly

28.6934, 0.3645, 0.3790

Deuteranomaly

28.5618, 0.3790, 0.3727

Tritanomaly

28.7824, 0.3565, 0.3351

Monochromacy



Original Color

28.7435, 0.3774, 0.3744

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

28.6085, 0.3357, 0.3464

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.7435, 0.3774, 0.3744 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(170, 141, 111)` looks like.

```
.text, #text, p{  
    color:rgb(170, 141, 111)  
}
```

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(170, 141, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 141, 111) }
```

Border

The CSS property to change the border of an element to Yxy 28.7435, 0.3774, 0.3744 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(170, 141, 111) }
```

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

```
.border{ border-color:rgb(170, 141, 111) }
```

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

Here you see how a box with a 4 pixel rgb(170, 141, 111) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 141, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 141, 111);  
box-shadow:4px 4px 4px 4px rgb(170, 141,  
111) }
```


Background

The CSS property to change the background color of an element to Yxy 28.7435, 0.3774, 0.3744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 141, 111) }
```

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

```
.background{ background-color: rgb(170,  
141, 111) }
```

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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