

Converting Colors

$Y_{xy}(17.8461, 0.3868, 0.3039)$

Have a look what the booklet for
Yxy(17.8461, 0.3868, 0.3039)
contains.

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Color

Yxy(17.8428, 0.3868, 0.3038)

Conversions

Conversions Part 1

Format	Color
Hex	A46272
RGB	164, 98, 114
RGB Percent	64%, 38%, 45%
CMY	0.3568, 0.6157, 0.5529
CMYK	0.00, 0.40, 0.30, 0.36
HSL	345°, 27%, 51%
HSV	345°, 40%, 64%
XYZ	22.7176, 17.8428, 18.1717
YIQ	119.5580, 34.2000, 18.9680

Conversions

Conversions Part 2

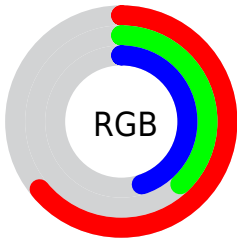
Format	Color
RYB	164, 98, 114
Decimal	10773106
CIELab	49.30, 28.81, 2.48
CIElCh	49, 28.917, 4.921
Yxy	17.8428, 0.3868, 0.3038
Android (android.graphics.Color)	4288963186 (0xFFA46272)
YUV	119.5580, -2.7401, 38.9756
Hunter-Lab	42.2407, 22.0781, 4.0623

Details

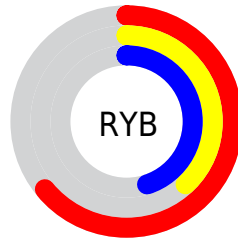
The Yxy color **17.8428, 0.3868, 0.3038** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **31.2897, 0.2696, 0.3566**, and the grayscale version is **18.6355, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.9380, 0.3696, 0.3100**, and **5.9895, 0.4193, 0.2936** is the 20% darker color. If you saturate the color by 10%, you get **14.8187, 0.4158, 0.2980**, and if you desaturate by 10%, it is **21.5359, 0.3625, 0.3102**.

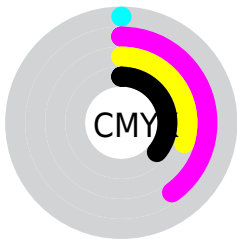
Distribution



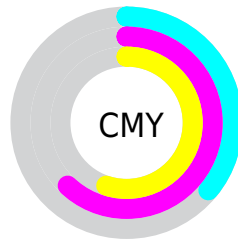
- Red (64%)
- Green (38%)
- Blue (45%)



- Red (64%)
- Yellow (38%)
- Blue (45%)



- Cyan (0%)
- Magenta (40%)
- Yellow (30%)
- Black (36%)





- Cyan (36%)
- Magenta (62%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 17.8428, 0.3868, 0.3038 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 17.8428, 0.3868, 0.3038 by changing the saturation by 10% instead.


 17.8428, 0.3868,
0.3038


 17.8428, 0.3868,
0.3038


239.9835, 0.3438,
0.3187


 10.8372, 0.4002,
0.2990


 39.7693, 0.3694,
0.3099


 5.9575, 0.4194,
0.2920

 55.4589, 0.3634,
0.3120

 2.8192, 0.4491,
0.2809

 74.8121, 0.3586,
0.3137

 1.0381, 0.5009,
0.2609

 98.2130, 0.3546,
0.3150

 0.0000, 1.0000,
0.0000

126.0463, 0.3512,
0.3162

 0.0000, 0.0000,
0.0000

158.6962, 0.3484,

0.3172

196.5471, 0.3459,
0.3180

■ 17.8428, 0.3868,
0.3038

■ 17.8428, 0.3868,
0.3038

■ 14.8187, 0.4158,
0.2980

■ 21.5359, 0.3625,
0.3102

■ 12.4209, 0.4494,
0.2934

■ 25.9322, 0.3426,
0.3167

■ 10.6055, 0.4868,
0.2911


■ 31.0667, 0.3263,
0.3230


■ 9.3221, 0.5256,
0.2921

■ 36.9715, 0.3130,
0.3289

■ 8.5113, 0.5623,
0.2970

■ 43.6764, 0.3022,
0.3343

 8.0458, 0.5932,
0.3041

 51.2099, 0.2934,
0.3393

 59.5991, 0.2862,
0.3439

 68.8697, 0.2802,
0.3480

 79.0465, 0.2752,
0.3518

Harmonies

Analogous

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



17.8428, 0.3331, 0.2684



17.8428, 0.3868, 0.3038



17.8428, 0.4196, 0.3464

Triad

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



17.8428, 0.3868, 0.3038



17.8428, 0.3404, 0.4295



17.8428, 0.2149, 0.2583

Complementary

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



17.8428, 0.3868, 0.3038



31.2897, 0.2696, 0.3566

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.



17.8428, 0.2164, 0.2965



17.8428, 0.3868, 0.3038



17.8428, 0.2860, 0.4033

Square

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



17.8428, 0.3868, 0.3038



17.8428, 0.3898, 0.4212



17.8428, 0.2412, 0.3509



17.8428, 0.2361, 0.2420

Rectangle

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



17.8428, 0.3868, 0.3038



17.8428, 0.4236, 0.3752



17.8428, 0.2412, 0.3509



17.8428, 0.2128, 0.2687

Sweetspot

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



17.8437, 0.3868, 0.3038



54.4331, 0.3292, 0.3218



17.6654, 0.2967, 0.2260



11.6445, 0.3311, 0.3210



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.



17.8437, 0.3868, 0.3038



27.5664, 0.4116, 0.2987



20.9233, 0.4008, 0.3555



7.1128, 0.3248, 0.3236



6.1746, 0.5908, 0.3028



0.1367, 0.4974, 0.2514

Inverse Universe

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



17.8437, 0.3868, 0.3038



27.5664, 0.4116, 0.2987



26.3031, 0.2541, 0.3003



7.1128, 0.3248, 0.3236



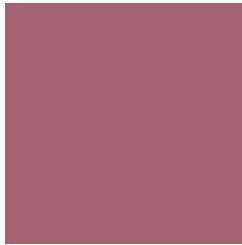
6.1746, 0.5908, 0.3028



0.1367, 0.4974, 0.2514

Previews

White Background



This preview shows how the Yxy color 17.8428, 0.3868, 0.3038 looks on a white background.

Color Contrast Check

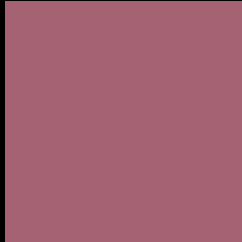
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 17.8428, 0.3868, 0.3038 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

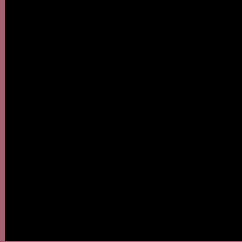
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 17.8428, 0.3868, 0.3038

Background



This preview shows how black text looks on a background with the Yxy color 17.8428, 0.3868, 0.3038.



This preview shows how white text looks on a background with the Yxy color 17.8428, 0.3868, 0.3038.

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

17.8428, 0.3868, 0.3038

Protanopia

18.0548, 0.3047, 0.3137

Deuteranopia

18.0076, 0.3391, 0.3347



Tritanopia

17.7717, 0.3956, 0.3164

Trichromacy



Original Color

17.8428, 0.3868, 0.3038

Protanomaly

17.6832, 0.3325, 0.3091

Deuteranomaly

17.7346, 0.3562, 0.3220

Tritanomaly

17.8360, 0.3911, 0.3116

Monochromacy



Original Color

17.8428, 0.3868, 0.3038

Achromatopsia

18.7821, 0.3127, 0.3290

Achromatomaly

18.1306, 0.3373, 0.3182

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.8428, 0.3868, 0.3038 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, 98, 114)` looks like.

```
.text, #text, p{  
    color:rgb(164, 98, 114)  
}
```

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, 98, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 98, 114) }
```

Border

The CSS property to change the border of an element to Yxy 17.8428, 0.3868, 0.3038 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, 98, 114) }
```

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

```
.border{ border-color:rgb(164, 98, 114) }
```

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

Here you see how a box with a 4 pixel rgb(164, 98, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 98, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 98, 114);  
box-shadow:4px 4px 4px 4px rgb(164, 98,  
114) }
```


Background

The CSS property to change the background color of an element to Yxy 17.8428, 0.3868, 0.3038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 98, 114) }
```

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

```
.background{ background-color: rgb(164, 98,  
114) }
```

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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