

Converting Colors

$Y_{xy}(17.7210, 0.3368, 0.3076)$

Have a look what the booklet for
Yxy(17.7210, 0.3368, 0.3076)
contains.

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Color

$Y_{xy}(17.7210, 0.3368, 0.3076)$

Conversions

Conversions Part 1

Format	Color
Hex	8A6D79
RGB	138, 109, 121
RGB Percent	54%, 43%, 47%
CMY	0.4587, 0.5726, 0.5255
CMYK	0.00, 0.21, 0.12, 0.46
HSL	335°, 12%, 48%
HSV	335°, 21%, 54%
XYZ	19.4032, 17.7210, 20.4863
YIQ	119.0390, 13.4320, 9.8800

Conversions

Conversions Part 2

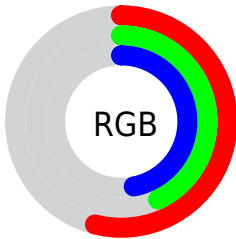
Format	Color
R_{YB}	138, 109, 121
Decimal	9071993
CIE _{Lab}	49.16, 13.56, -2.27
CIE _{LCh}	49, 13.751, 350.516
Yxy	17.7210, 0.3368, 0.3076
Android (android.graphics.Color)	4287262073 (0xFF8A6D79)
YUV	119.0390, 0.9668, 16.6288
Hunter-Lab	42.0963, 8.6065, 0.6138

Details

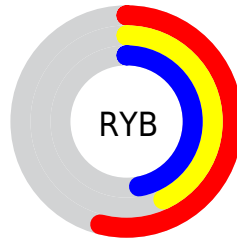
The Yxy color **17.7210, 0.3368, 0.3076** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **22.9402, 0.2936, 0.3515**, and the grayscale version is **18.4553, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.7133, 0.3316, 0.3134**, and **5.8932, 0.3471, 0.2966** is the 20% darker color. If you saturate the color by 10%, you get **14.8145, 0.3520, 0.2968**, and if you desaturate by 10%, it is **21.1082, 0.3242, 0.3181**.

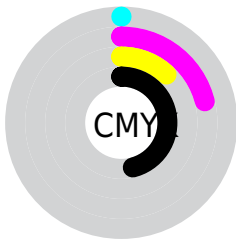
Distribution



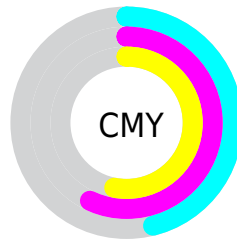
- Red (54%)
- Green (43%)
- Blue (47%)



- Red (54%)
- Yellow (43%)
- Blue (47%)



- Cyan (0%)
- Magenta (21%)
- Yellow (12%)
- Black (46%)





- Cyan (46%)
- Magenta (57%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.7210, 0.3368, 0.3076 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 17.7210, 0.3368, 0.3076 by changing the saturation by 10% instead.


 17.7210, 0.3368,
0.3076


 17.7210, 0.3368,
0.3076


239.2937, 0.3229,
0.3199


 10.7499, 0.3411,
0.3038


 39.5613, 0.3312,
0.3125


 5.8989, 0.3473,
0.2985


 55.1993, 0.3293,
0.3142

 2.7837, 0.3568,
0.2903

 74.4951, 0.3277,
0.3156

 1.0199, 0.3737,
0.2761

 97.8330, 0.3264,
0.3168

 0.0000, 0.8105,
0.0000

125.5974, 0.3253,
0.3177

 0.0000, 0.0000,
0.0000

158.1727, 0.3244,

0.3185

195.9434, 0.3236,
0.3193

■ 17.7210, 0.3368,
0.3076

■ 17.7210, 0.3368,
0.3076

■ 14.8145, 0.3520,
0.2968

■ 21.1082, 0.3242,
0.3181

■ 12.3643, 0.3701,
0.2861

■ 24.9942, 0.3137,
0.3280

■ 10.3476, 0.3914,
0.2761

■ 29.3991, 0.3050,
0.3373

■ 8.7385, 0.4158,
0.2676

■ 34.3411, 0.2979,
0.3459

■ 7.5086, 0.4430,
0.2617

■ 39.8378, 0.2920,
0.3538

■ 6.6255, 0.4719,
0.2597

■ 45.9055, 0.2871,
0.3610

■ 6.0513, 0.5010,
0.2623

■ 52.5603, 0.2830,
0.3676

■ 5.7011, 0.5266,
0.2675

■ 59.8175, 0.2796,
0.3737

■ 67.6917, 0.2768,
0.3792

Harmonies

Analogous

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



17.7210, 0.3101, 0.2919



17.7210, 0.3368, 0.3076



17.7210, 0.3574, 0.3287

Triad

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



17.7210, 0.3368, 0.3076



17.7210, 0.3395, 0.3762



17.7210, 0.2626, 0.3038

Complementary

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



17.7210, 0.3368, 0.3076



22.9402, 0.2936, 0.3515

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.



17.7210, 0.2698, 0.3267



17.7210, 0.3368, 0.3076



17.7210, 0.3135, 0.3703

Square

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



17.7210, 0.3368, 0.3076



17.7210, 0.3588, 0.3685



17.7210, 0.2881, 0.3517



17.7210, 0.2681, 0.2890

Rectangle

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



17.7210, 0.3368, 0.3076



17.7210, 0.3645, 0.3437



17.7210, 0.2881, 0.3517



17.7210, 0.2636, 0.3107

Sweetspot

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



17.7218, 0.3368, 0.3076



40.4390, 0.3188, 0.3230



17.2020, 0.2996, 0.2764



8.9884, 0.3193, 0.3225



69.2071, 0.3127, 0.3290



10.0482, 0.3127, 0.3290

Same Dimension

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



17.7218, 0.3368, 0.3076



28.8177, 0.3433, 0.3028



17.9685, 0.3522, 0.3335



5.0807, 0.3220, 0.3200



5.2283, 0.5257, 0.2670



0.0375, 0.4265, 0.2123

Inverse Universe

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



17.7218, 0.3368, 0.3076



28.8177, 0.3433, 0.3028



22.5825, 0.2822, 0.3245



5.0807, 0.3220, 0.3200



5.2283, 0.5257, 0.2670



0.0375, 0.4265, 0.2123

Previews

White Background



This preview shows how the Yxy color 17.7210, 0.3368, 0.3076 looks on a white background.

Color Contrast Check

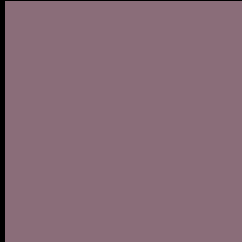
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.7210, 0.3368, 0.3076 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

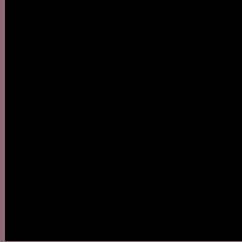
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 17.7210, 0.3368, 0.3076

Background



This preview shows how black text looks on a background with the Yxy color 17.7210, 0.3368, 0.3076.



This preview shows how white text looks on a background with the Yxy color 17.7210, 0.3368, 0.3076.

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

17.7210, 0.3368, 0.3076

Protanopia

17.7534, 0.3035, 0.3117

Deuteranopia

17.6783, 0.3225, 0.3159



Tritanopia

17.6486, 0.3408, 0.3129

Trichromacy



Original Color

17.7210, 0.3368, 0.3076

Protanomaly

17.6255, 0.3150, 0.3084

Deuteranomaly

17.7697, 0.3280, 0.3143

Tritanomaly

17.6725, 0.3394, 0.3111

Monochromacy



Original Color

17.7210, 0.3368, 0.3076

Achromatopsia

18.4475, 0.3127, 0.3290

Achromatomaly

18.0532, 0.3209, 0.3197

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.7210, 0.3368, 0.3076 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(138, 109, 121)` looks like.

```
.text, #text, p{  
    color:rgb(138, 109, 121)  
}
```

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(138, 109, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 109, 121) }
```

Border

The CSS property to change the border of an element to Yxy 17.7210, 0.3368, 0.3076 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(138, 109, 121) }
```

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

```
.border{ border-color:rgb(138, 109, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 109, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(138, 109, 121); -webkit-box-shadow:4px 4px 4px 4px rgb(138, 109, 121); box-shadow:4px 4px 4px 4px rgb(138, 109, 121) }
```


Background

The CSS property to change the background color of an element to Yxy 17.7210, 0.3368, 0.3076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 109, 121) }
```

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

```
.background{ background-color: rgb(138,  
109, 121) }
```

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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