

Converting Colors

$Y_{xy}(17.2413, 0.3571, 0.2981)$

Have a look what the booklet for
Yxy(17.2413, 0.3571, 0.2981)
contains.

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Color

Yxy(17.3428, 0.3567, 0.2986)

Conversions

Conversions Part 1

Format	Color
Hex	966678
RGB	150, 102, 120
RGB Percent	59%, 40%, 47%
CMY	0.4118, 0.6000, 0.5295
CMYK	0.00, 0.32, 0.20, 0.41
HSL	338°, 19%, 49%
HSV	338°, 32%, 59%
XYZ	20.7173, 17.3428, 20.0203
YIQ	118.4040, 22.8300, 15.7740

Conversions

Conversions Part 2

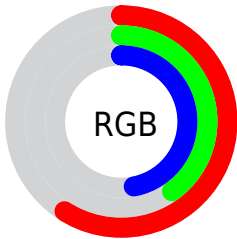
Format	Color
R_{YB}	150, 102, 120
Decimal	9856632
CIE _{Lab}	48.69, 22.08, -2.19
CIE _{LCh}	49, 22.185, 354.322
Yxy	17.3428, 0.3567, 0.2986
Android (android.graphics.Color)	4288046712 (0xFF966678)
YUV	118.4040, 0.7868, 27.7097
Hunter-Lab	41.6447, 15.9214, 0.6482

Details

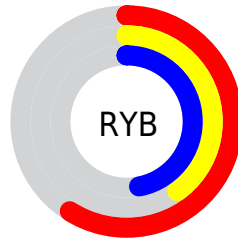
The Yxy color **17.3428, 0.3567, 0.2986** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **26.3017, 0.2828, 0.3619**, and the grayscale version is **18.2424, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.0689, 0.3465, 0.3064**, and **5.7029, 0.3751, 0.2842** is the 20% darker color. If you saturate the color by 10%, you get **14.4404, 0.3767, 0.2888**, and if you desaturate by 10%, it is **20.8026, 0.3400, 0.3085**.

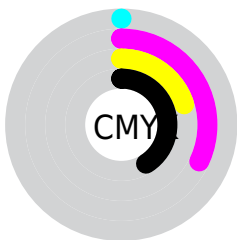
Distribution



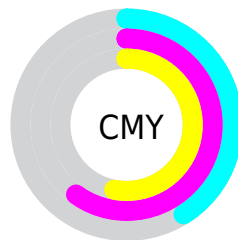
- Red (59%)
- Green (40%)
- Blue (47%)



- Red (59%)
- Yellow (40%)
- Blue (47%)



- Cyan (0%)
- Magenta (32%)
- Yellow (20%)
- Black (41%)





- Cyan (41%)
- Magenta (60%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.3428, 0.3567, 0.2986 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 17.3428, 0.3567, 0.2986 by changing the saturation by 10% instead.


 17.3428, 0.3567,
0.2986


 17.3428, 0.3567,
0.2986


237.1402, 0.3312,
0.3161

 10.4792, 0.3646,
0.2933


 38.9142, 0.3464,
0.3056


 5.7178, 0.3760,
0.2857

 54.3909, 0.3429,
0.3080

 2.6743, 0.3936,
0.2740

 73.5073, 0.3400,
0.3100

 0.9641, 0.4247,
0.2539

 96.6479, 0.3377,
0.3116

 0.0000, 1.0000,
0.0000

124.1971, 0.3357,
0.3130

 0.0000, 0.0000,
0.0000

156.5393, 0.3340,

0.3142

194.0588, 0.3325,
0.3152

■ 17.3428, 0.3567,
0.2986

■ 17.3428, 0.3567,
0.2986

■ 14.4404, 0.3767,
0.2888

■ 20.8026, 0.3400,
0.3085

■ 12.0635, 0.4003,
0.2798

■ 24.8446, 0.3261,
0.3181

■ 10.1807, 0.4273,
0.2725


■ 29.4950, 0.3147,
0.3273


■ 8.7564, 0.4573,
0.2679


■ 34.7777, 0.3053,
0.3358

■ 7.7499, 0.4889,
0.2673

■ 40.7154, 0.2976,
0.3436


 7.1134, 0.5200,
0.2715

 47.3296, 0.2913,
0.3509

 6.7707, 0.5440,
0.2771

 54.6407, 0.2860,
0.3575

 62.6685, 0.2816,
0.3635

 71.4318, 0.2780,
0.3690

Harmonies

Analogous

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



17.3428, 0.3133, 0.2732



17.3428, 0.3567, 0.2986



17.3428, 0.3889, 0.3317

Triad

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



17.3428, 0.3567, 0.2986



17.3428, 0.3500, 0.4069



17.3428, 0.2334, 0.2832

Complementary

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



17.3428, 0.3567, 0.2986



26.3017, 0.2828, 0.3619

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.



17.3428, 0.2417, 0.3187



17.3428, 0.3567, 0.2986



17.3428, 0.3074, 0.3953

Square

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



17.3428, 0.3567, 0.2986



17.3428, 0.3839, 0.3945



17.3428, 0.2681, 0.3613



17.3428, 0.2443, 0.2632

Rectangle

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



17.3428, 0.3567, 0.2986



17.3428, 0.3983, 0.3550



17.3428, 0.2681, 0.3613



17.3428, 0.2341, 0.2936

Sweetspot

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



17.3436, 0.3567, 0.2986



45.2417, 0.3239, 0.3198



16.5796, 0.2929, 0.2463



9.8077, 0.3255, 0.3186



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



17.3436, 0.3567, 0.2986



27.0435, 0.3698, 0.2920



18.0853, 0.3803, 0.3388



5.8492, 0.3227, 0.3207



5.6220, 0.5421, 0.2760



0.0742, 0.4383, 0.2188

Inverse Universe

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



17.3436, 0.3567, 0.2986



27.0435, 0.3698, 0.2920



25.0930, 0.2671, 0.3189



5.8492, 0.3227, 0.3207



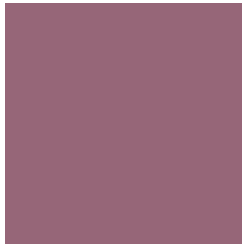
5.6220, 0.5421, 0.2760



0.0742, 0.4383, 0.2188

Previews

White Background



This preview shows how the Yxy color 17.3428, 0.3567, 0.2986 looks on a white background.

Color Contrast Check

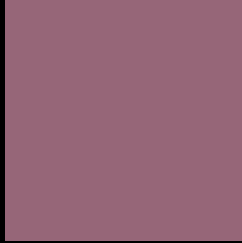
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.3428, 0.3567, 0.2986 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

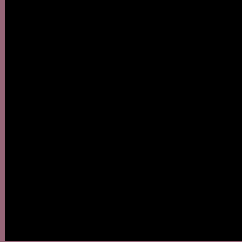
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 17.3428, 0.3567, 0.2986

Background



This preview shows how black text looks on a background with the Yxy color 17.3428, 0.3567, 0.2986.



This preview shows how white text looks on a background with the Yxy color 17.3428, 0.3567, 0.2986.

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

17.3428, 0.3567, 0.2986

Protanopia

17.4648, 0.2976, 0.3040

Deuteranopia

17.3320, 0.3239, 0.3177



Tritanopia

17.2378, 0.3680, 0.3154

Trichromacy



Original Color

17.3428, 0.3567, 0.2986

Protanomaly

17.2217, 0.3180, 0.3012

Deuteranomaly

17.2079, 0.3356, 0.3090

Tritanomaly

17.3050, 0.3636, 0.3102

Monochromacy



Original Color

17.3428, 0.3567, 0.2986

Achromatopsia

18.1164, 0.3127, 0.3290

Achromatomaly

17.6661, 0.3279, 0.3161

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.3428, 0.3567, 0.2986 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(150, 102, 120)` looks like.

```
.text, #text, p{  
    color:rgb(150, 102, 120)  
}
```

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(150, 102, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 102, 120) }
```

Border

The CSS property to change the border of an element to Yxy 17.3428, 0.3567, 0.2986 is called "border". The border property can be set on classes, ids or directly on the HTML element.

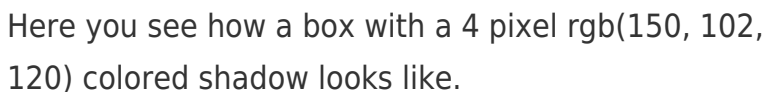
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(150, 102, 120) }
```

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

```
.border{ border-color:rgb(150, 102, 120) }
```

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



Here you see how a box with a 4 pixel `rgb(150, 102, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(150, 102, 120); -webkit-box-shadow:4px 4px 4px 4px rgb(150, 102, 120); box-shadow:4px 4px 4px 4px rgb(150, 102, 120) }
```


Background

The CSS property to change the background color of an element to Yxy 17.3428, 0.3567, 0.2986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 102, 120) }
```

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

```
.background{ background-color: rgb(150,  
102, 120) }
```

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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