

Converting Colors

$Y_{xy}(17.8785, 0.3648, 0.3041)$

Have a look what the booklet for
Yxy(17.8785, 0.3648, 0.3041)
contains.

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Color

Yxy(17.8785, 0.3648, 0.3041)

Conversions

Conversions Part 1

Format	Color
Hex	9A6776
RGB	154, 103, 118
RGB Percent	60%, 40%, 46%
CMY	0.3961, 0.5961, 0.5372
CMYK	0.00, 0.33, 0.23, 0.40
HSL	342°, 20%, 50%
HSV	342°, 33%, 60%
XYZ	21.4471, 17.8785, 19.4659
YIQ	119.9590, 25.5810, 15.4770

Conversions

Conversions Part 2

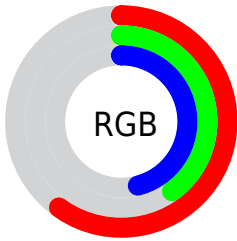
Format	Color
RYB	154, 103, 118
Decimal	10119030
CIELab	49.35, 22.73, 0.00
CIElCh	49, 22.727, 0.004
Yxy	17.8785, 0.3648, 0.3041
Android (android.graphics.Color)	4288309110 (0xFF9A6776)
YUV	119.9590, -0.9658, 29.8540
Hunter-Lab	42.2830, 16.5451, 2.3027

Details

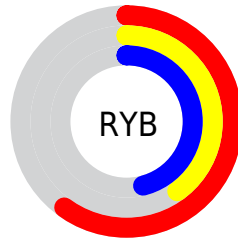
The Yxy color $17.8785, 0.3648, 0.3041$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $27.8576, 0.2785, 0.3557$, and the grayscale version is $18.7663, 0.3127, 0.3290$.

A 20% lighter version of the original color is $39.9003, 0.3523, 0.3105$, and $5.9994, 0.3882, 0.2929$ is the 20% darker color. If you saturate the color by 10%, you get $14.8491, 0.3882, 0.2965$, and if you desaturate by 10%, it is $21.5036, 0.3454, 0.3119$.

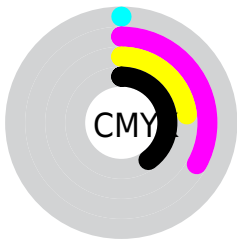
Distribution



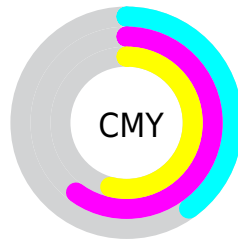
- Red (60%)
- Green (40%)
- Blue (46%)



- Red (60%)
- Yellow (40%)
- Blue (46%)



- Cyan (0%)
- Magenta (33%)
- Yellow (23%)
- Black (40%)





- Cyan (40%)
- Magenta (60%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.8785, 0.3648, 0.3041 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 17.8785, 0.3648, 0.3041 by changing the saturation by 10% instead.


 17.8785, 0.3648,
0.3041


 17.8785, 0.3648,
0.3041


240.1853, 0.3346,
0.3185


 10.8628, 0.3742,
0.2996


 39.8302, 0.3526,
0.3099


 5.9746, 0.3876,
0.2932

 55.5349, 0.3484,
0.3119

 2.8297, 0.4085,
0.2832

 74.9049, 0.3450,
0.3136

 1.0435, 0.4451,
0.2657

 98.3243, 0.3422,
0.3149

 0.0000, 1.0000,
0.0000

126.1777, 0.3399,
0.3160

 0.0000, 0.0000,
0.0000

158.8494, 0.3379,

0.3170

196.7238, 0.3362,
0.3178

■ 17.8785, 0.3648,
0.3041

■ 17.8785, 0.3648,
0.3041

■ 14.8491, 0.3882,
0.2965

■ 21.5036, 0.3454,
0.3119

■ 12.3807, 0.4159,
0.2896

■ 25.7515, 0.3294,
0.3196

■ 10.4393, 0.4478,
0.2844


■ 30.6506, 0.3163,
0.3268

■ 8.9857, 0.4828,
0.2819


■ 36.2268, 0.3056,
0.3336


■ 7.9754, 0.5189,
0.2832

■ 42.5048, 0.2968,
0.3398

 7.3556, 0.5530,
0.2889

 49.5078, 0.2896,
0.3455

 7.0619, 0.5747,
0.2940

 57.2580, 0.2837,
0.3507

 65.7767, 0.2788,
0.3554

 75.0843, 0.2747,
0.3597

Harmonies

Analogous

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



17.8785, 0.3218, 0.2765



17.8785, 0.3648, 0.3041



17.8785, 0.3938, 0.3384

Triad

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



17.8785, 0.3648, 0.3041



17.8785, 0.3426, 0.4078



17.8785, 0.2330, 0.2774

Complementary

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



17.8785, 0.3648, 0.3041



27.8576, 0.2785, 0.3557

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.



17.8785, 0.2377, 0.3108



17.8785, 0.3648, 0.3041



17.8785, 0.2992, 0.3912

Square

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



17.8785, 0.3648, 0.3041



17.8785, 0.3795, 0.3993



17.8785, 0.2612, 0.3537



17.8785, 0.2475, 0.2604

Rectangle

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



17.8785, 0.3648, 0.3041



17.8785, 0.4002, 0.3618



17.8785, 0.2612, 0.3537



17.8785, 0.2324, 0.2869

Sweetspot

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



17.8793, 0.3648, 0.3041



49.2499, 0.3253, 0.3218



17.4972, 0.2972, 0.2444



10.8935, 0.3271, 0.3208



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



17.8793, 0.3648, 0.3041



28.1551, 0.3824, 0.2982



19.7045, 0.3814, 0.3463



6.2511, 0.3240, 0.3225



5.7594, 0.5727, 0.2929



0.0919, 0.4681, 0.2352

Inverse Universe

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



17.8793, 0.3648, 0.3041



28.1551, 0.3824, 0.2982



25.1023, 0.2646, 0.3108



6.2511, 0.3240, 0.3225



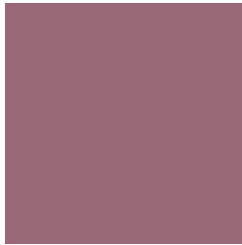
5.7594, 0.5727, 0.2929



0.0919, 0.4681, 0.2352

Previews

White Background



This preview shows how the Yxy color 17.8785, 0.3648, 0.3041 looks on a white background.

Color Contrast Check

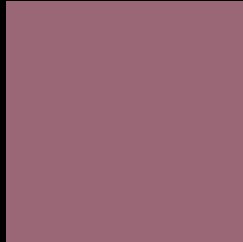
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.8785, 0.3648, 0.3041 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

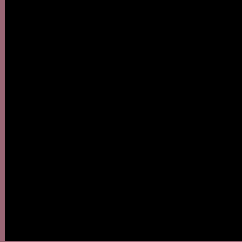
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 17.8785, 0.3648, 0.3041

Background



This preview shows how black text looks on a background with the Yxy color 17.8785, 0.3648, 0.3041.



This preview shows how white text looks on a background with the Yxy color 17.8785, 0.3648, 0.3041.

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

17.8785, 0.3648, 0.3041

Protanopia

18.0108, 0.3023, 0.3118

Deuteranopia

18.0414, 0.3314, 0.3253



Tritanopia

17.8428, 0.3718, 0.3157

Trichromacy



Original Color

17.8785, 0.3648, 0.3041

Protanomaly

17.7642, 0.3229, 0.3088

Deuteranomaly

17.9252, 0.3432, 0.3166

Tritanomaly

17.8878, 0.3688, 0.3123

Monochromacy



Original Color

17.8785, 0.3648, 0.3041

Achromatopsia

18.7821, 0.3127, 0.3290

Achromatomaly

18.2721, 0.3302, 0.3199

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.8785, 0.3648, 0.3041 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(154, 103, 118)` looks like.

```
.text, #text, p{  
    color:rgb(154, 103, 118)  
}
```

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(154, 103, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 103, 118) }
```

Border

The CSS property to change the border of an element to Yxy 17.8785, 0.3648, 0.3041 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(154, 103, 118) }
```

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

```
.border{ border-color:rgb(154, 103, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 103, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 103, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 103, 118);  
box-shadow:4px 4px 4px 4px rgb(154, 103,  
118) }
```


Background

The CSS property to change the background color of an element to Yxy 17.8785, 0.3648, 0.3041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 103, 118) }
```

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

```
.background{ background-color: rgb(154,  
103, 118) }
```

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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