

Converting Colors

$Y_{xy}(17.4026, 0.3656, 0.2957)$

Have a look what the booklet for
Yxy(17.4026, 0.3656, 0.2957)
contains.

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Color

Yxy(17.5383, 0.3658, 0.2962)

Conversions

Conversions Part 1

Format	Color
Hex	9C6478
RGB	156, 100, 120
RGB Percent	61%, 39%, 47%
CMY	0.3882, 0.6079, 0.5294
CMYK	0.00, 0.36, 0.23, 0.39
HSL	339°, 22%, 50%
HSV	339°, 36%, 61%
XYZ	21.6594, 17.5383, 20.0133
YIQ	119.0240, 26.9560, 18.0920

Conversions

Conversions Part 2

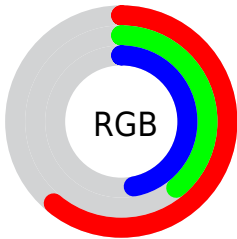
Format	Color
R_{YB}	156, 100, 120
Decimal	10249336
CIE _{Lab}	48.93, 25.53, -1.76
CIE _{LCh}	49, 25.587, 356.046
Yxy	17.5383, 0.3658, 0.2962
Android (android.graphics.Color)	4288439416 (0xFF9C6478)
YUV	119.0240, 0.4812, 32.4280
Hunter-Lab	41.8788, 19.0311, 0.9812

Details

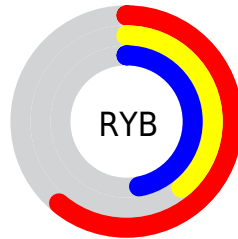
The Yxy color **17.5383, 0.3658, 0.2962** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **28.2680, 0.2787, 0.3649**, and the grayscale version is **18.4483, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.4321, 0.3539, 0.3045**, and **5.8074, 0.3874, 0.2815** is the 20% darker color. If you saturate the color by 10%, you get **14.5967, 0.3880, 0.2871**, and if you desaturate by 10%, it is **21.0802, 0.3472, 0.3057**.

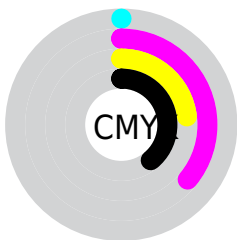
Distribution



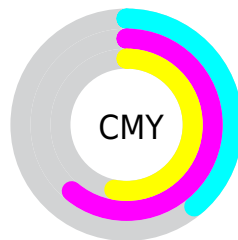
- Red (61%)
- Green (39%)
- Blue (47%)



- Red (61%)
- Yellow (39%)
- Blue (47%)



- Cyan (0%)
- Magenta (36%)
- Yellow (23%)
- Black (39%)





- Cyan (39%)
- Magenta (61%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.5383, 0.3658, 0.2962 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 17.5383, 0.3658, 0.2962 by changing the saturation by 10% instead.


 17.5383, 0.3658,
0.2962


 17.5383, 0.3658,
0.2962


238.2556, 0.3351,
0.3150


 10.6190, 0.3753,
0.2904


 39.2490, 0.3534,
0.3038


 5.8113, 0.3889,
0.2823

 54.8092, 0.3492,
0.3064

 2.7307, 0.4101,
0.2697

 74.0186, 0.3457,
0.3085

 0.9928, 0.4470,
0.2481

 97.2614, 0.3428,
0.3102

 0.0000, 1.0000,
0.0000

124.9221, 0.3404,
0.3117

 0.0000, 0.0000,
0.0000

157.3851, 0.3384,

0.3130

195.0349, 0.3366,
0.3141

■ 17.5383, 0.3658,
0.2962

■ 17.5383, 0.3658,
0.2962

■ 14.5967, 0.3880,
0.2871

■ 21.0802, 0.3472,
0.3057

■ 12.2192, 0.4139,
0.2790

■ 25.2508, 0.3318,
0.3150

■ 10.3698, 0.4434,
0.2731


■ 30.0797, 0.3191,
0.3240

■ 9.0069, 0.4754,
0.2704


■ 35.5941, 0.3087,
0.3324

■ 8.0830, 0.5081,
0.2720

■ 41.8194, 0.3001,
0.3401

 7.5322, 0.5393,
0.2783

 48.7797, 0.2931,
0.3473

 7.3519, 0.5517,
0.2813

 56.4981, 0.2873,
0.3538

 64.9968, 0.2825,
0.3597

 74.2967, 0.2785,
0.3652

Harmonies

Analogous

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



17.5383, 0.3160, 0.2670



17.5383, 0.3658, 0.2962



17.5383, 0.4019, 0.3336

Triad

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



17.5383, 0.3658, 0.2962



17.5383, 0.3521, 0.4190



17.5383, 0.2228, 0.2743

Complementary

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



17.5383, 0.3658, 0.2962



28.2680, 0.2787, 0.3649

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.



17.5383, 0.2307, 0.3139



17.5383, 0.3658, 0.2962



17.5383, 0.3034, 0.4044

Square

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



17.5383, 0.3658, 0.2962



17.5383, 0.3922, 0.4049



17.5383, 0.2593, 0.3634



17.5383, 0.2362, 0.2532

Rectangle

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



17.5383, 0.3658, 0.2962



17.5383, 0.4115, 0.3600



17.5383, 0.2593, 0.3634



17.5383, 0.2231, 0.2857

Sweetspot

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



17.5391, 0.3658, 0.2962



49.8124, 0.3255, 0.3193



16.7049, 0.2908, 0.2355



10.7251, 0.3271, 0.3182



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.



17.5391, 0.3658, 0.2962



27.5185, 0.3831, 0.2889



18.6021, 0.3916, 0.3417



6.6833, 0.3231, 0.3210



6.0608, 0.5498, 0.2803



0.1161, 0.4502, 0.2254

Inverse Universe

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



17.5391, 0.3658, 0.2962



27.5185, 0.3831, 0.2889



26.4607, 0.2617, 0.3158



6.6833, 0.3231, 0.3210



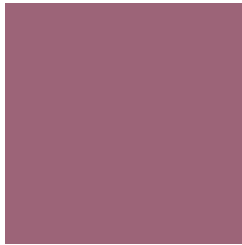
6.0608, 0.5498, 0.2803



0.1161, 0.4502, 0.2254

Previews

White Background



This preview shows how the Yxy color 17.5383, 0.3658, 0.2962 looks on a white background.

Color Contrast Check

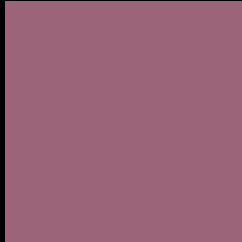
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.5383, 0.3658, 0.2962 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

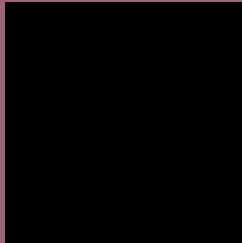
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 17.5383, 0.3658, 0.2962

Background



This preview shows how black text looks on a background with the Yxy color 17.5383, 0.3658, 0.2962.



This preview shows how white text looks on a background with the Yxy color 17.5383, 0.3658, 0.2962.

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

17.5383, 0.3658, 0.2962

Protanopia

17.7473, 0.2954, 0.3022

Deuteranopia

17.6303, 0.3250, 0.3196



Tritanopia

17.5971, 0.3784, 0.3158

Trichromacy



Original Color

17.5383, 0.3658, 0.2962

Protanomaly

17.4040, 0.3194, 0.2997

Deuteranomaly

17.4603, 0.3397, 0.3093

Tritanomaly

17.4908, 0.3729, 0.3075

Monochromacy



Original Color

17.5383, 0.3658, 0.2962

Achromatopsia

18.4475, 0.3127, 0.3290

Achromatomaly

17.8258, 0.3306, 0.3162

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.5383, 0.3658, 0.2962 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(156, 100, 120)` looks like.

```
.text, #text, p{  
    color:rgb(156, 100, 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(156, 100, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 100, 120) }
```

Border

The CSS property to change the border of an element to Yxy 17.5383, 0.3658, 0.2962 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(156, 100, 120) }
```

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

```
.border{ border-color:rgb(156, 100, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 100, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 100, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 100, 120);  
box-shadow:4px 4px 4px 4px rgb(156, 100,  
120) }
```


Background

The CSS property to change the background color of an element to Yxy 17.5383, 0.3658, 0.2962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 100, 120) }
```

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

```
.background{ background-color: rgb(156,  
100, 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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