

Converting Colors

$Y_{xy}(17.9009, 0.4067, 0.3462)$

Have a look what the booklet for
Yxy(17.9009, 0.4067, 0.3462)
contains.

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Color

Yxy(17.9600, 0.4067, 0.3474)

Conversions

Conversions Part 1

Format	Color
Hex	9E685D
RGB	158, 104, 93
RGB Percent	62%, 41%, 36%
CMY	0.3804, 0.5921, 0.6353
CMYK	0.00, 0.34, 0.41, 0.38
HSL	10°, 26%, 49%
HSV	10°, 41%, 62%
XYZ	21.0257, 17.9600, 12.7126
YIQ	118.8920, 35.7150, 8.0270

Conversions

Conversions Part 2

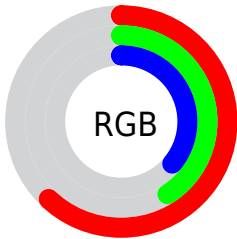
Format	Color
R _Y B	158, 106, 93
Decimal	10381405
CIE Lab	49.45, 20.29, 15.09
CIE LCh	49, 25.288, 36.634
Yxy	17.9600, 0.4067, 0.3474
Android (android.graphics.Color)	4288571485 (0xFF9E685D)
YUV	118.8920, -12.7648, 34.2977
Hunter-Lab	42.3792, 14.3959, 11.8801

Details

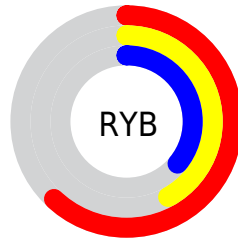
The Yxy color **17.9600, 0.4067, 0.3474** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **25.6571, 0.2545, 0.3093**, and the grayscale version is **18.4449, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.0562, 0.3843, 0.3453**, and **5.9766, 0.4478, 0.3505** is the 20% darker color. If you saturate the color by 10%, you get **15.2696, 0.4415, 0.3515**, and if you desaturate by 10%, it is **21.1211, 0.3770, 0.3428**.

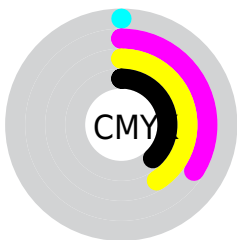
Distribution



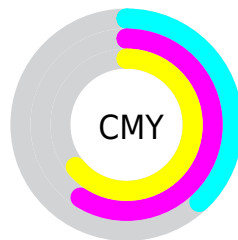
- Red (62%)
- Green (41%)
- Blue (36%)



- Red (62%)
- Yellow (42%)
- Blue (36%)



- Cyan (0%)
- Magenta (34%)
- Yellow (41%)
- Black (38%)



- Cyan (38%)
- Magenta (59%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.9600, 0.4067, 0.3474 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 17.9600, 0.4067, 0.3474 by changing the saturation by 10% instead.


 17.9600, 0.4067,
0.3474

 17.9600, 0.4067,
0.3474


240.6455, 0.3518,
0.3385


 10.9213, 0.4238,
0.3492


 39.9692, 0.3845,
0.3444


 6.0139, 0.4481,
0.3508

 55.7084, 0.3768,
0.3432

 2.8535, 0.4854,
0.3513

 75.1165, 0.3707,
0.3421

 1.0558, 0.5944,
0.3758

 98.5781, 0.3656,
0.3412

 0.0000, 1.0000,
0.0000

126.4773, 0.3613,
0.3404

 0.0000, 0.0000,
0.0000

159.1987, 0.3577,

0.3397

197.1266, 0.3545,
0.3390

■ 17.9600, 0.4067,
0.3474

■ 17.9600, 0.4067,
0.3474

■ 15.2696, 0.4415,
0.3515

■ 21.1211, 0.3770,
0.3428

■ 13.0248, 0.4807,
0.3545

■ 24.7713, 0.3521,
0.3382

■ 11.2020, 0.5225,
0.3557


■ 28.9313, 0.3315,
0.3337


■ 9.7744, 0.5631,
0.3542

■ 33.6196, 0.3145,
0.3295

■ 8.7119, 0.5976,
0.3498

■ 38.8539, 0.3004,
0.3256

 8.0420, 0.6213,
0.3449

 44.6512, 0.2887,
0.3220

 51.0275, 0.2790,
0.3188

 57.9984, 0.2709,
0.3159

 65.5787, 0.2640,
0.3133

Harmonies

Analogous

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



17.9600, 0.3796, 0.3092



17.9600, 0.4067, 0.3474



17.9600, 0.4058, 0.3845

Triad

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



17.9600, 0.4067, 0.3474



17.9600, 0.2872, 0.3909



17.9600, 0.2469, 0.2519

Complementary

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



17.9600, 0.4067, 0.3474



25.6571, 0.2545, 0.3093

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.



17.9600, 0.2267, 0.2659



17.9600, 0.4067, 0.3474



17.9600, 0.2483, 0.3455

Square

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



17.9600, 0.4067, 0.3474



17.9600, 0.3349, 0.4155



17.9600, 0.2270, 0.2988



17.9600, 0.2850, 0.2564

Rectangle

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



17.9600, 0.4067, 0.3474



17.9600, 0.3901, 0.4041



17.9600, 0.2270, 0.2988



17.9600, 0.2380, 0.2544

Sweetspot

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



17.9609, 0.4067, 0.3474



51.6708, 0.3335, 0.3342



17.2078, 0.3315, 0.2449



11.4353, 0.3359, 0.3347



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



17.9609, 0.4067, 0.3474



28.2671, 0.4371, 0.3511



25.7597, 0.3853, 0.3982



6.8188, 0.3280, 0.3329



6.4832, 0.6201, 0.3458



0.1604, 0.5621, 0.3919

Inverse Universe

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



25.6571, 0.2545, 0.3093



44.0751, 0.2441, 0.3043



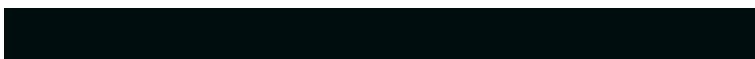
16.9795, 0.2449, 0.2479



7.3181, 0.2988, 0.3251



15.0768, 0.2098, 0.2752



0.3158, 0.2164, 0.2989

Previews

White Background



This preview shows how the Yxy color 17.9600, 0.4067, 0.3474 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 17.9600, 0.4067, 0.3474 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 17.9600, 0.4067, 0.3474

Background



This preview shows how black text looks on a background with the Yxy color 17.9600, 0.4067, 0.3474.



This preview shows how white text looks on a background with the Yxy color 17.9600, 0.4067, 0.3474.

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

17.9600, 0.4067, 0.3474

Protanopia

18.1621, 0.3424, 0.3639

Deuteranopia

17.9689, 0.3757, 0.3694



Tritanopia

17.9778, 0.3855, 0.3178

Trichromacy



Original Color

17.9600, 0.4067, 0.3474

Protanomaly

17.9076, 0.3648, 0.3587

Deuteranomaly

17.9443, 0.3860, 0.3610

Tritanomaly

18.0507, 0.3939, 0.3292

Monochromacy



Original Color

17.9600, 0.4067, 0.3474

Achromatopsia

18.4475, 0.3127, 0.3290

Achromatomaly

18.1470, 0.3431, 0.3365

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.9600, 0.4067, 0.3474 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(158, 104, 93)` looks like.

```
.text, #text, p{  
    color:rgb(158, 104, 93)  
}
```

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(158, 104, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 104, 93) }
```

Border

The CSS property to change the border of an element to Yxy 17.9600, 0.4067, 0.3474 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(158, 104, 93) }
```

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

```
.border{ border-color:rgb(158, 104, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 104, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 104, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 104, 93);  
box-shadow:4px 4px 4px 4px rgb(158, 104,  
93) }
```


Background

The CSS property to change the background color of an element to Yxy 17.9600, 0.4067, 0.3474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 104, 93) }
```

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

```
.background{ background-color: rgb(158,  
104, 93) }
```

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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