

Converting Colors

$Yxy(16.9334, 0.3119, 0.3843)$

Have a look what the booklet for
Yxy(16.9334, 0.3119, 0.3843)
contains.

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Color

Yxy(17.0424, 0.3125, 0.3850)

Conversions

Conversions Part 1

Format	Color
Hex	61795F
RGB	97, 121, 95
RGB Percent	38%, 47%, 37%
CMY	0.6196, 0.5255, 0.6274
CMYK	0.20, 0.00, 0.21, 0.53
HSL	115°, 12%, 42%
HSV	115°, 21%, 47%
XYZ	13.8331, 17.0424, 13.3905
YIQ	110.8600, -5.9580, -13.1740

Conversions

Conversions Part 2

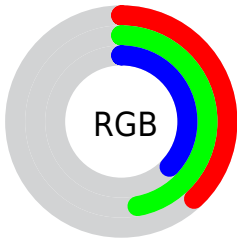
Format	Color
R_{YB}	95, 121, 119
Decimal	6388063
CIE _{Lab}	48.31, -14.21, 11.43
CIE _{LCh}	48, 18.233, 141.192
Yxy	17.0424, 0.3125, 0.3850
Android (android.graphics.Color)	4284578143 (0xFF61795F)
YUV	110.8600, -7.8190, -12.1552
Hunter-Lab	41.2824, -12.4316, 9.6663

Details

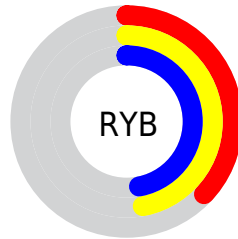
The Yxy color **17.0424, 0.3125, 0.3850** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.4911, 0.3122, 0.2779**, and the grayscale version is **15.8786, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.2584, 0.3126, 0.3697**, and **5.5346, 0.3107, 0.4107** is the 20% darker color. If you saturate the color by 10%, you get **16.2685, 0.3121, 0.4156**, and if you desaturate by 10%, it is **17.9385, 0.3127, 0.3572**.

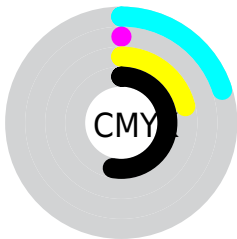
Distribution



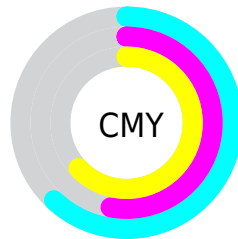
- Red (38%)
- Green (47%)
- Blue (37%)



- Red (37%)
- Yellow (47%)
- Blue (47%)



- Cyan (20%)
- Magenta (0%)
- Yellow (21%)
- Black (53%)





- Cyan (62%)
- Magenta (53%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 17.0424, 0.3125, 0.3850 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 17.0424, 0.3125, 0.3850 by changing the saturation by 10% instead.


 17.0424, 0.3125,
0.3850


 17.0424, 0.3125,
0.3850


235.4166, 0.3131,
0.3515


 10.2647, 0.3120,
0.3961


 38.3987, 0.3129,
0.3711


 5.5748, 0.3110,
0.4126


 53.7460, 0.3130,
0.3664

 2.5883, 0.3087,
0.4398

 72.7188, 0.3130,
0.3627

 0.9208, 0.3196,
0.5574

 95.7013, 0.3131,
0.3596

 0.0000, 0.0000,
0.0000

123.0779, 0.3131,
0.3571

155.2331, 0.3131,

0.3549

192.5512, 0.3131,
0.3531

■ 17.0424, 0.3125,
0.3850

■ 17.0424, 0.3125,
0.3850

■ 16.2685, 0.3121,
0.4156

■ 17.9385, 0.3127,
0.3572

■ 15.6094, 0.3114,
0.4482

■ 18.9593, 0.3127,
0.3324

■ 15.0603, 0.3103,
0.4819

■ 20.1104, 0.3126,
0.3106

■ 14.6152, 0.3090,
0.5147

■ 21.3960, 0.3124,
0.2915

■ 14.2675, 0.3073,
0.5445

■ 22.8202, 0.3122,
0.2749

■ 14.0099, 0.3055,
0.5691

■ 24.3871, 0.3119,
0.2605

■ 13.8339, 0.3036,
0.5867

■ 26.1005, 0.3115,
0.2481

■ 13.7349, 0.3027,
0.5979

■ 27.9641, 0.3112,
0.2372

■ 29.9813, 0.3109,
0.2278

Harmonies

Analogous

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



17.0424, 0.3474, 0.3929



17.0424, 0.3125, 0.3850



17.0424, 0.2789, 0.3590

Triad

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



17.0424, 0.3125, 0.3850



17.0424, 0.2538, 0.2753



17.0424, 0.3735, 0.3287

Complementary

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



17.0424, 0.3125, 0.3850



13.4911, 0.3122, 0.2779

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.



17.0424, 0.3457, 0.3011



17.0424, 0.3125, 0.3850



17.0424, 0.2764, 0.2710

Square

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



17.0424, 0.3125, 0.3850



17.0424, 0.2463, 0.2940



17.0424, 0.3097, 0.2805



17.0424, 0.3839, 0.3578

Rectangle

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



17.0424, 0.3125, 0.3850



17.0424, 0.2616, 0.3362



17.0424, 0.3097, 0.2805



17.0424, 0.3658, 0.3190

Sweetspot

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



17.0431, 0.3125, 0.3850



33.0668, 0.3127, 0.3436



18.0464, 0.3442, 0.3758



7.5405, 0.3127, 0.3448



62.0916, 0.3127, 0.3290



7.8288, 0.3127, 0.3290

Same Dimension

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



17.0431, 0.3125, 0.3850



29.7745, 0.3123, 0.4005



17.1464, 0.2982, 0.3613



4.4632, 0.3127, 0.3510



14.7161, 0.3026, 0.5980



70.0449, 0.3012, 0.5990

Inverse Universe

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



13.4911, 0.3122, 0.2779



22.1582, 0.3120, 0.2653



13.3820, 0.3305, 0.2988



4.0627, 0.3126, 0.3078



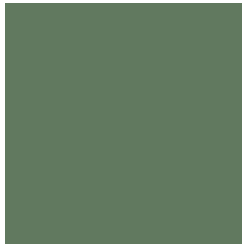
5.1525, 0.3025, 0.1440



24.4120, 0.3015, 0.1434

Previews

White Background



This preview shows how the Yxy color 17.0424, 0.3125, 0.3850 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 17.0424, 0.3125, 0.3850 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

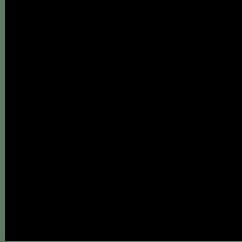
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

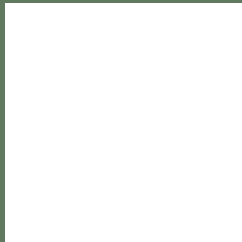
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 17.0424, 0.3125, 0.3850

Background



This preview shows how black text looks on a background with the Yxy color 17.0424, 0.3125, 0.3850.



This preview shows how white text looks on a background with the Yxy color 17.0424, 0.3125, 0.3850.

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

17.0424, 0.3125, 0.3850

Protanopia

16.8723, 0.3499, 0.3728

Deuteranopia

16.9205, 0.3606, 0.3537



Tritanopia

17.0537, 0.2844, 0.3108

Trichromacy



Original Color

17.0424, 0.3125, 0.3850

Protanomaly

16.9576, 0.3351, 0.3784

Deuteranomaly

16.8011, 0.3420, 0.3651

Tritanomaly

16.9040, 0.2940, 0.3352

Monochromacy



Original Color

17.0424, 0.3125, 0.3850

Achromatopsia

15.8961, 0.3127, 0.3290

Achromatomaly

16.3456, 0.3130, 0.3499

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.0424, 0.3125, 0.3850 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(97, 121, 95) looks like.

```
.text, #text, p{  
    color:rgb(97, 121, 95)  
}
```

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(97, 121, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 121, 95) }
```

Border

The CSS property to change the border of an element to Yxy 17.0424, 0.3125, 0.3850 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(97, 121, 95) }
```

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

```
.border{ border-color:rgb(97, 121, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 121, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 121, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 121, 95);  
box-shadow:4px 4px 4px 4px rgb(97, 121,  
95) }
```


Background

The CSS property to change the background color of an element to Yxy 17.0424, 0.3125, 0.3850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 121, 95) }
```

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

```
.background{ background-color: rgb(97, 121,  
95) }
```

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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