

Converting Colors

$Y_{xy}(16.9820, 0.3028, 0.4153)$

Have a look what the booklet for
Yxy(16.9820, 0.3028, 0.4153)
contains.

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Color

Yxy(17.0884, 0.3030, 0.4174)

Conversions

Conversions Part 1

Format	Color
Hex	517D56
RGB	81, 125, 86
RGB Percent	32%, 49%, 34%
CMY	0.6824, 0.5098, 0.6628
CMYK	0.35, 0.00, 0.31, 0.51
HSL	127°, 21%, 40%
HSV	127°, 35%, 49%
XYZ	12.4049, 17.0884, 11.4469
YIQ	107.3980, -13.7050, -21.4570

Conversions

Conversions Part 2

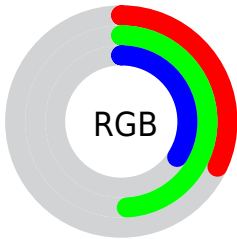
Format	Color
R_{YB}	81, 121, 125
Decimal	5340502
CIE _{Lab}	48.37, -23.84, 16.59
CIE _{LCh}	48, 29.045, 145.163
Yxy	17.0884, 0.3030, 0.4174
Android (android.graphics.Color)	4283530582 (0xFF517D56)
YUV	107.3980, -10.5492, -23.1510
Hunter-Lab	41.3381, -18.7770, 12.5188

Details

The Yxy color **17.0884, 0.3030, 0.4174** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **11.5978, 0.3242, 0.2543**, and the grayscale version is **14.8508, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.5239, 0.3063, 0.3949**, and **5.6454, 0.2959, 0.4647** is the 20% darker color. If you saturate the color by 10%, you get **16.4220, 0.3005, 0.4478**, and if you desaturate by 10%, it is **17.8856, 0.3057, 0.3890**.

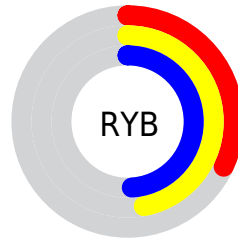
Distribution



Red (32%)

Green (49%)

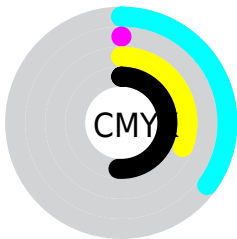
Blue (34%)



Red (32%)

Yellow (47%)

Blue (49%)

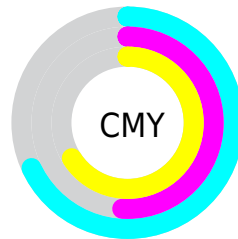


Cyan (35%)

Magenta (0%)

Yellow (31%)

Black (51%)



Cyan (68%)


Magenta (51%)


Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 17.0884, 0.3030, 0.4174 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 17.0884, 0.3030, 0.4174 by changing the saturation by 10% instead.


 17.0884, 0.3030,
0.4174


 17.0884, 0.3030,
0.4174


235.6813, 0.3098,
0.3637

 10.2975, 0.3001,
0.4356


 38.4777, 0.3062,
0.3948


 5.5967, 0.2951,
0.4629

 53.8449, 0.3072,
0.3874


 2.6014, 0.2853,
0.5081

 72.8397, 0.3079,
0.3814

 0.9274, 0.2437,
0.7563

 95.8465, 0.3085,
0.3766

 0.0000, 0.0000,
0.0000

 123.2497, 0.3089,
0.3725

155.4336, 0.3093,

0.3691

192.7827, 0.3096,
0.3662

■ 17.0884, 0.3030,
0.4174

■ 17.0884, 0.3030,
0.4174

■ 16.4220, 0.3005,
0.4478

■ 17.8856, 0.3057,
0.3890

■ 15.8774, 0.2983,
0.4792

■ 18.8177, 0.3085,
0.3631

■ 15.4478, 0.2968,
0.5101

■ 19.8915, 0.3113,
0.3400


■ 15.1249, 0.2960,
0.5387


■ 21.1125, 0.3140,
0.3196


■ 14.8991, 0.2960,
0.5629

■ 22.4860, 0.3165,
0.3018

 14.7564, 0.2968,
0.5814

 24.0170, 0.3188,
0.2863

 14.7014, 0.2968,
0.5883

 25.7102, 0.3210,
0.2729

 27.5704, 0.3230,
0.2612

 29.6018, 0.3248,
0.2512

Harmonies

Analogous

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



17.0884, 0.3585, 0.4323



17.0884, 0.3030, 0.4174



17.0884, 0.2528, 0.3702

Triad

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



17.0884, 0.3030, 0.4174



17.0884, 0.2253, 0.2435



17.0884, 0.4141, 0.3321

Complementary

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



17.0884, 0.3030, 0.4174



11.5978, 0.3242, 0.2543

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.



17.0884, 0.3718, 0.2905



17.0884, 0.3030, 0.4174



17.0884, 0.2614, 0.2413

Square

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



17.0884, 0.3030, 0.4174



17.0884, 0.2111, 0.2672



17.0884, 0.3144, 0.2583



17.0884, 0.4256, 0.3762

Rectangle

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



17.0884, 0.3030, 0.4174



17.0884, 0.2287, 0.3313



17.0884, 0.3144, 0.2583



17.0884, 0.4029, 0.3176

Sweetspot

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



17.0891, 0.3030, 0.4174



34.4236, 0.3096, 0.3536



19.2992, 0.3575, 0.4144



7.7842, 0.3093, 0.3561



63.8283, 0.3127, 0.3290



8.3535, 0.3127, 0.3290

Same Dimension

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



17.0891, 0.3030, 0.4174



29.6485, 0.3010, 0.4410



17.4872, 0.2817, 0.3676



4.8261, 0.3102, 0.3487



15.3414, 0.2968, 0.5886



0.0000, 0.0000, 0.0000

Inverse Universe

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



11.5978, 0.3242, 0.2543



18.3100, 0.3273, 0.2382



11.1350, 0.3597, 0.2938



4.4042, 0.3153, 0.3101



5.7422, 0.3509, 0.1706



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the Yxy color 17.0884, 0.3030, 0.4174 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 17.0884, 0.3030, 0.4174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

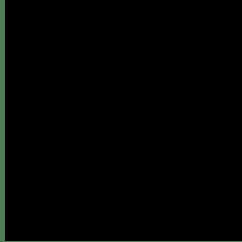
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 17.0884, 0.3030, 0.4174

Background



This preview shows how black text looks on a background with the Yxy color 17.0884, 0.3030, 0.4174.



This preview shows how white text looks on a background with the Yxy color 17.0884, 0.3030, 0.4174.

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

17.0884, 0.3030, 0.4174

Protanopia

16.8397, 0.3668, 0.3942

Deuteranopia

16.9415, 0.3744, 0.3686



Tritanopia

17.1418, 0.2679, 0.3103

Trichromacy



Original Color

17.0884, 0.3030, 0.4174

Protanomaly

16.7695, 0.3414, 0.4025

Deuteranomaly

16.6109, 0.3462, 0.3843

Tritanomaly

17.0898, 0.2808, 0.3483

Monochromacy



Original Color

17.0884, 0.3030, 0.4174

Achromatopsia

14.7027, 0.3127, 0.3290

Achromatomaly

15.5322, 0.3099, 0.3617

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.0884, 0.3030, 0.4174 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(81, 125, 86)` looks like.

```
.text, #text, p{  
  color:rgb(81, 125, 86)  
}
```

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(81, 125, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 125, 86) }
```

Border

The CSS property to change the border of an element to Yxy 17.0884, 0.3030, 0.4174 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(81, 125, 86) }
```

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

```
.border{ border-color:rgb(81, 125, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 125, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 125, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 125, 86);  
box-shadow:4px 4px 4px 4px rgb(81, 125,  
86) }
```


Background

The CSS property to change the background color of an element to Yxy 17.0884, 0.3030, 0.4174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 125, 86) }
```

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

```
.background{ background-color: rgb(81, 125,  
86) }
```

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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