

Converting Colors

$Y_{xy}(16.7945, 0.3200, 0.3068)$

Have a look what the booklet for
Yxy(16.7945, 0.3200, 0.3068)
contains.

Yxy(16.7534, 0.3205, 0.3064)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(16.7534, 0.3205, 0.3064)

Conversions

Conversions Part 1

Format	Color
Hex	7E6D79
RGB	126, 109, 121
RGB Percent	49%, 43%, 47%
CMY	0.5059, 0.5725, 0.5255
CMYK	0.00, 0.13, 0.04, 0.51
HSL	318°, 7%, 46%
HSV	318°, 13%, 49%
XYZ	17.5244, 16.7534, 20.4004
YIQ	115.4510, 6.2800, 7.3360

Conversions

Conversions Part 2

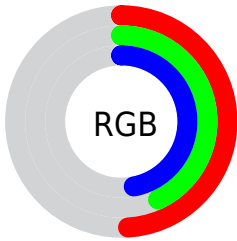
Format	Color
R_{YB}	126, 109, 121
Decimal	8285561
CIE _{Lab}	47.95, 8.94, -4.19
CIE _{LCh}	48, 9.875, 334.905
Yxy	16.7534, 0.3205, 0.3064
Android (android.graphics.Color)	4286475641 (0xFF7E6D79)
YUV	115.4510, 2.7357, 9.2515
Hunter-Lab	40.9309, 4.7948, -0.8992

Details

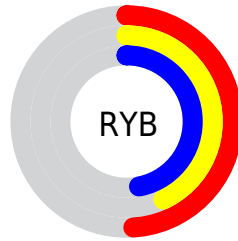
The Yxy color **16.7534, 0.3205, 0.3064** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **19.3885, 0.3057, 0.3527**, and the grayscale version is **17.2791, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.0906, 0.3192, 0.3127**, and **5.3963, 0.3231, 0.2939** is the 20% darker color. If you saturate the color by 10%, you get **14.1665, 0.3274, 0.2889**, and if you desaturate by 10%, it is **19.7307, 0.3146, 0.3233**.

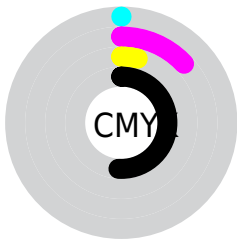
Distribution



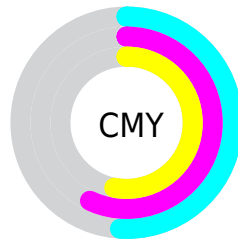
- Red (49%)
- Green (43%)
- Blue (47%)



- Red (49%)
- Yellow (43%)
- Blue (47%)



- Cyan (0%)
- Magenta (13%)
- Yellow (4%)
- Black (51%)




- Cyan (51%)
- Magenta (57%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 16.7534, 0.3205, 0.3064 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 16.7534, 0.3205, 0.3064 by changing the saturation by 10% instead.


 16.7534, 0.3205,
0.3064

 16.7534, 0.3205,
0.3064


233.7473, 0.3160,
0.3194


 10.0588, 0.3219,
0.3024


 37.9013, 0.3187,
0.3116


 5.4380, 0.3238,
0.2966


 53.1234, 0.3181,
0.3134

 2.5065, 0.3268,
0.2877

 71.9568, 0.3176,
0.3149

 0.8799, 0.3319,
0.2721

 94.7859, 0.3172,
0.3161

 0.0000, 0.0497,
0.0000

121.9951, 0.3168,
0.3171

 0.0000, 0.0000,
0.0000

153.9688, 0.3165,

0.3180

191.0914, 0.3163,
0.3188

■ 16.7534, 0.3205,
0.3064

■ 16.7534, 0.3205,
0.3064

■ 14.1665, 0.3274,
0.2889

■ 19.7307, 0.3146,
0.3233

■ 11.9514, 0.3354,
0.2713

■ 23.1115, 0.3095,
0.3393

■ 10.0914, 0.3444,
0.2541

■ 26.9111, 0.3053,
0.3544

■ 8.5674, 0.3545,
0.2380

■ 31.1434, 0.3017,
0.3684

■ 7.3588, 0.3655,
0.2240

■ 35.8216, 0.2987,
0.3813

■ 6.4425, 0.3771,
0.2131

■ 40.9582, 0.2961,
0.3932

■ 5.7924, 0.3890,
0.2060

■ 46.5654, 0.2940,
0.4041

■ 5.3755, 0.4009,
0.2034

■ 52.6549, 0.2923,
0.4141

■ 5.1564, 0.4089,
0.2026

■ 59.2379, 0.2908,
0.4233

Harmonies

Analogous

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



16.7534, 0.3009, 0.2979



16.7534, 0.3205, 0.3064



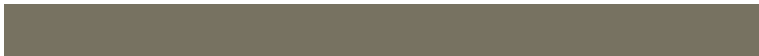
16.7534, 0.3384, 0.3205

Triad

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



16.7534, 0.3205, 0.3064



16.7534, 0.3407, 0.3618



16.7534, 0.2773, 0.3191

Complementary

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



16.7534, 0.3205, 0.3064



19.3885, 0.3057, 0.3527

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.



16.7534, 0.2873, 0.3371



16.7534, 0.3205, 0.3064



16.7534, 0.3237, 0.3624

Square

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



16.7534, 0.3205, 0.3064



16.7534, 0.3503, 0.3522



16.7534, 0.3042, 0.3533



16.7534, 0.2765, 0.3045

Rectangle

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



16.7534, 0.3205, 0.3064



16.7534, 0.3468, 0.3315



16.7534, 0.3042, 0.3533



16.7534, 0.2797, 0.3249

Sweetspot

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



16.7541, 0.3205, 0.3064



34.3939, 0.3149, 0.3223



16.0095, 0.2983, 0.2957



7.7419, 0.3153, 0.3212



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.



16.7541, 0.3205, 0.3064



28.1082, 0.3224, 0.3014



16.5587, 0.3313, 0.3220



4.3915, 0.3178, 0.3139



5.2890, 0.4090, 0.2027



0.0000, 0.0000, 0.0000

Inverse Universe

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



16.7541, 0.3205, 0.3064



28.1082, 0.3224, 0.3014



19.5867, 0.2969, 0.3361



4.3915, 0.3178, 0.3139



5.2890, 0.4090, 0.2027



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the Yxy color 16.7534, 0.3205, 0.3064 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 16.7534, 0.3205, 0.3064 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

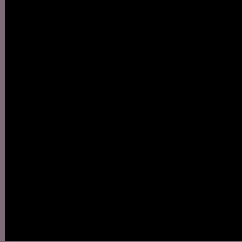
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 16.7534, 0.3205, 0.3064

Background



This preview shows how black text looks on a background with the Yxy color 16.7534, 0.3205, 0.3064.



This preview shows how white text looks on a background with the Yxy color 16.7534, 0.3205, 0.3064.

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

16.7534, 0.3205, 0.3064

Protanopia

16.7762, 0.2997, 0.3074

Deuteranopia

16.8869, 0.3149, 0.3099



Tritanopia

16.6809, 0.3244, 0.3120

Trichromacy



Original Color

16.7534, 0.3205, 0.3064

Protanomaly

16.8700, 0.3072, 0.3077

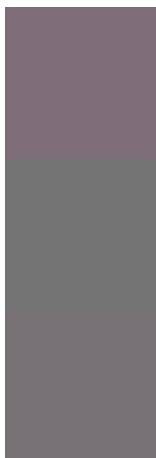
Deuteranomaly

16.7433, 0.3164, 0.3080

Tritanomaly

16.7048, 0.3231, 0.3101

Monochromacy



Original Color

16.7534, 0.3205, 0.3064

Achromatopsia

17.1441, 0.3127, 0.3290

Achromatomaly

17.0165, 0.3157, 0.3212

CSS Examples

Text

The CSS property to change the color of the text to Yxy 16.7534, 0.3205, 0.3064 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(126, 109, 121)` looks like.

```
.text, #text, p{  
    color:rgb(126, 109, 121)  
}
```

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(126, 109, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 109, 121) }
```

Border

The CSS property to change the border of an element to Yxy 16.7534, 0.3205, 0.3064 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(126, 109, 121) }
```

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

```
.border{ border-color:rgb(126, 109, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 109, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 109, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 109, 121);  
box-shadow:4px 4px 4px 4px rgb(126, 109,  
121) }
```


Background

The CSS property to change the background color of an element to Yxy 16.7534, 0.3205, 0.3064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 109, 121) }
```

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

```
.background{ background-color: rgb(126,  
109, 121) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor