

Converting Colors

$Y_{xy}(15.6634, 0.3491, 0.3354)$

Have a look what the booklet for
Yxy(15.6634, 0.3491, 0.3354)
contains.

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Color

Yxy(15.6517, 0.3499, 0.3349)

Conversions

Conversions Part 1

Format	Color
Hex	806966
RGB	128, 105, 102
RGB Percent	50%, 41%, 40%
CMY	0.4980, 0.5882, 0.6000
CMYK	0.00, 0.18, 0.20, 0.50
HSL	7°, 11%, 45%
HSV	7°, 20%, 50%
XYZ	16.3527, 15.6517, 14.7310
YIQ	111.5350, 14.6710, 3.9430

Conversions

Conversions Part 2

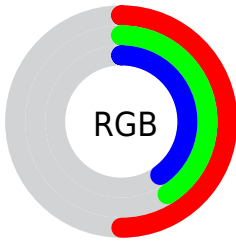
Format	Color
R_{YB}	128, 105, 102
Decimal	8415590
CIE Lab	46.51, 8.63, 5.11
CIE LCh	47, 10.033, 30.623
Yxy	15.6517, 0.3499, 0.3349
Android (android.graphics.Color)	4286605670 (0xFF806966)
YUV	111.5350, -4.7008, 14.4398
Hunter-Lab	39.5622, 4.5476, 5.6169

Details

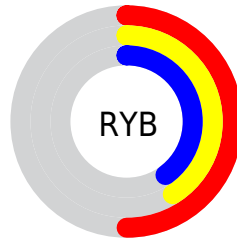
The Yxy color **15.6517, 0.3499, 0.3349** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **19.0537, 0.2833, 0.3230**, and the grayscale version is **16.0715, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.9006, 0.3406, 0.3333**, and **4.9216, 0.3673, 0.3383** is the 20% darker color. If you saturate the color by 10%, you get **13.2621, 0.3744, 0.3380**, and if you desaturate by 10%, it is **18.3893, 0.3297, 0.3319**.

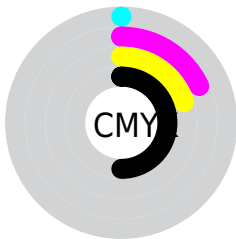
Distribution



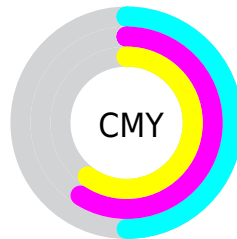
- Red (50%)
- Green (41%)
- Blue (40%)



- Red (50%)
- Yellow (41%)
- Blue (40%)



- Cyan (0%)
- Magenta (18%)
- Yellow (20%)
- Black (50%)





- Cyan (50%)
- Magenta (59%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.6517, 0.3499, 0.3349 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 15.6517, 0.3499, 0.3349 by changing the saturation by 10% instead.


 15.6517, 0.3499,
0.3349


 15.6517, 0.3499,
0.3349


227.2776, 0.3278,
0.3317

 9.2780, 0.3571,
0.3358


 35.9925, 0.3408,
0.3337


 4.9230, 0.3677,
0.3369

 50.7284, 0.3377,
0.3332

 2.2021, 0.3849,
0.3385

 69.0204, 0.3353,
0.3328

 0.7212, 0.4385,
0.3524

 91.2531, 0.3333,
0.3325

 0.0000, 0.0000,
0.0000

117.8108, 0.3316,
0.3323

149.0778, 0.3301,

0.3320

185.4386, 0.3289,
0.3319

■ 15.6517, 0.3499,
0.3349

■ 15.6517, 0.3499,
0.3349

■ 13.2621, 0.3744,
0.3380

■ 18.3893, 0.3297,
0.3319

■ 11.2044, 0.4039,
0.3411

■ 21.4858, 0.3132,
0.3291

■ 9.4647, 0.4387,
0.3439


■ 24.9544, 0.2996,
0.3265


■ 8.0269, 0.4783,
0.3460


■ 28.8067, 0.2883,
0.3241

■ 6.8739, 0.5211,
0.3469


■ 33.0541, 0.2790,
0.3220

 5.9866, 0.5631,
0.3460


 37.7075, 0.2713,
0.3201

 5.3435, 0.5992,
0.3430

 42.7771, 0.2647,
0.3183

 4.9241, 0.6270,
0.3404

 48.2730, 0.2592,
0.3168

 54.2049, 0.2545,
0.3153

Harmonies

Analogous

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



15.6517, 0.3371, 0.3178



15.6517, 0.3499, 0.3349



15.6517, 0.3523, 0.3511

Triad

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



15.6517, 0.3499, 0.3349



15.6517, 0.3067, 0.3562



15.6517, 0.2821, 0.2964

Complementary

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



15.6517, 0.3499, 0.3349



19.0537, 0.2833, 0.3230

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.



15.6517, 0.2746, 0.3053



15.6517, 0.3499, 0.3349



15.6517, 0.2885, 0.3401

Square

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



15.6517, 0.3499, 0.3349



15.6517, 0.3269, 0.3643



15.6517, 0.2769, 0.3212



15.6517, 0.2977, 0.2961

Rectangle

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



15.6517, 0.3499, 0.3349



15.6517, 0.3477, 0.3593



15.6517, 0.2769, 0.3212



15.6517, 0.2785, 0.2985

Sweetspot

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



15.6524, 0.3499, 0.3349



34.5709, 0.3224, 0.3307



15.5847, 0.3184, 0.2854



8.0286, 0.3233, 0.3308



65.5931, 0.3127, 0.3290



8.8982, 0.3127, 0.3290

Same Dimension

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



15.6524, 0.3499, 0.3349



25.6981, 0.3597, 0.3362



18.4132, 0.3454, 0.3587



4.4179, 0.3275, 0.3315



4.8834, 0.6269, 0.3404



0.0000, 0.0000, 0.0000

Inverse Universe

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



19.0537, 0.2833, 0.3230



32.7258, 0.2775, 0.3216



16.0619, 0.2818, 0.2974



4.8050, 0.2993, 0.3264



13.3141, 0.2149, 0.2935



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the Yxy color 15.6517, 0.3499, 0.3349 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 15.6517, 0.3499, 0.3349 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

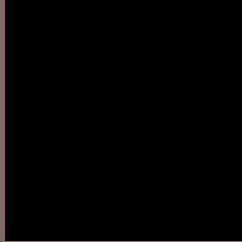
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.6517, 0.3499, 0.3349

Background



This preview shows how black text looks on a background with the Yxy color 15.6517, 0.3499, 0.3349.

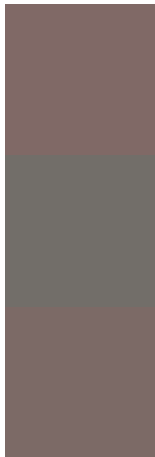


This preview shows how white text looks on a background with the Yxy color 15.6517, 0.3499, 0.3349.

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

15.6517, 0.3499, 0.3349

Protanopia

15.7492, 0.3245, 0.3392

Deuteranopia

15.5525, 0.3437, 0.3370



Tritanopia

15.7376, 0.3376, 0.3139

Trichromacy



Original Color

15.6517, 0.3499, 0.3349

Protanomaly

15.6465, 0.3333, 0.3371

Deuteranomaly

15.6274, 0.3452, 0.3369

Tritanomaly

15.6505, 0.3432, 0.3214

Monochromacy



Original Color

15.6517, 0.3499, 0.3349

Achromatopsia

16.2029, 0.3127, 0.3290

Achromatomaly

15.8715, 0.3263, 0.3310

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.6517, 0.3499, 0.3349 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(128, 105, 102)` looks like.

```
.text, #text, p{  
    color:rgb(128, 105, 102)  
}
```

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(128, 105, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 105, 102) }
```

Border

The CSS property to change the border of an element to Yxy 15.6517, 0.3499, 0.3349 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(128, 105, 102) }
```

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

```
.border{ border-color:rgb(128, 105, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 105, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 105, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 105, 102);  
box-shadow:4px 4px 4px 4px rgb(128, 105,  
102) }
```


Background

The CSS property to change the background color of an element to Yxy 15.6517, 0.3499, 0.3349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 105, 102) }
```

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

```
.background{ background-color: rgb(128,  
105, 102) }
```

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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