

Converting Colors

$Y_{xy}(16.1050, 0.3404, 0.3349)$

Have a look what the booklet for
Yxy(16.1050, 0.3404, 0.3349)
contains.

Yxy(16.1050, 0.3404, 0.3349)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(16.1050, 0.3404, 0.3349)

Conversions

Conversions Part 1

Format	Color
Hex	7D6C69
RGB	125, 108, 105
RGB Percent	49%, 42%, 41%
CMY	0.5098, 0.5765, 0.5882
CMYK	0.00, 0.14, 0.16, 0.51
HSL	9°, 9%, 45%
HSV	9°, 16%, 49%
XYZ	16.3695, 16.1050, 15.6145
YIQ	112.7410, 11.0950, 2.6710

Conversions

Conversions Part 2

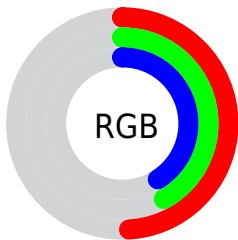
Format	Color
R_{YB}	125, 109, 105
Decimal	8219753
CIE Lab	47.11, 6.15, 4.13
CIE LCh	47, 7.409, 33.864
Yxy	16.1050, 0.3404, 0.3349
Android (android.graphics.Color)	4286409833 (0xFF7D6C69)
YUV	112.7410, -3.8163, 10.7511
Hunter-Lab	40.1310, 2.5810, 5.0227

Details

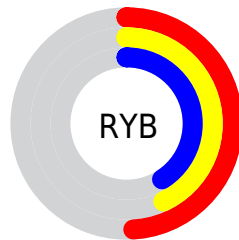
The Yxy color **16.1050, 0.3404, 0.3349** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **18.4045, 0.2894, 0.3230**, and the grayscale version is **16.4422, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.6616, 0.3341, 0.3333**, and **5.1795, 0.3536, 0.3383** is the 20% darker color. If you saturate the color by 10%, you get **13.7601, 0.3625, 0.3389**, and if you desaturate by 10%, it is **18.7625, 0.3221, 0.3311**.

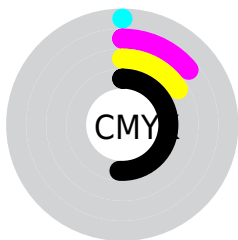
Distribution



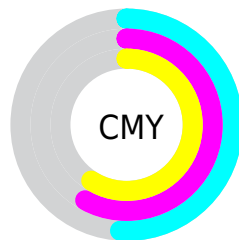
- Red (49%)
- Green (42%)
- Blue (41%)



- Red (49%)
- Yellow (43%)
- Blue (41%)



- Cyan (0%)
- Magenta (14%)
- Yellow (16%)
- Black (51%)





- Cyan (51%)
- Magenta (58%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 16.1050, 0.3404, 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 16.1050, 0.3404, 0.3349 by changing the saturation by 10% instead.


 16.1050, 0.3404,
0.3349


 16.1050, 0.3404,
0.3349


229.9605, 0.3241,
0.3316


 9.5985, 0.3457,
0.3359


 36.7804, 0.3337,
0.3336


 5.1336, 0.3534,
0.3372

 51.7181, 0.3314,
0.3331

 2.3258, 0.3659,
0.3392

 70.2349, 0.3296,
0.3328

 0.7873, 0.3989,
0.3490

 92.7153, 0.3281,
0.3324

 0.0000, 0.0000,
0.0000

119.5437, 0.3268,
0.3322

151.1044, 0.3258,

0.3320

187.7819, 0.3249,
0.3318

■ 16.1050, 0.3404,
0.3349

■ 16.1050, 0.3404,
0.3349

■ 13.7601, 0.3625,
0.3389

■ 18.7625, 0.3221,
0.3311

■ 11.7142, 0.3891,
0.3429

■ 21.7413, 0.3070,
0.3276

■ 9.9559, 0.4207,
0.3468

■ 25.0524, 0.2945,
0.3244

■ 8.4723, 0.4571,
0.3500

■ 28.7057, 0.2841,
0.3215

■ 7.2493, 0.4974,
0.3521

■ 32.7106, 0.2754,
0.3188

■ 6.2718, 0.5391,
0.3522

■ 37.0762, 0.2680,
0.3164

■ 5.5229, 0.5780,
0.3499

■ 41.8112, 0.2618,
0.3143

■ 4.9820, 0.6098,
0.3456

■ 46.9241, 0.2566,
0.3123

■ 4.8150, 0.6216,
0.3446

■ 52.4230, 0.2521,
0.3105

Harmonies

Analogous

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



16.1050, 0.3319, 0.3222



16.1050, 0.3404, 0.3349



16.1050, 0.3413, 0.3465

Triad

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



16.1050, 0.3404, 0.3349



16.1050, 0.3068, 0.3477



16.1050, 0.2912, 0.3047

Complementary

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



16.1050, 0.3404, 0.3349



18.4045, 0.2894, 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.



16.1050, 0.2849, 0.3108



16.1050, 0.3404, 0.3349



16.1050, 0.2938, 0.3357

Square

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



16.1050, 0.3404, 0.3349



16.1050, 0.3217, 0.3543



16.1050, 0.2858, 0.3221



16.1050, 0.3033, 0.3050

Rectangle

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



16.1050, 0.3404, 0.3349



16.1050, 0.3375, 0.3520



16.1050, 0.2858, 0.3221



16.1050, 0.2884, 0.3060

Sweetspot

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



16.1057, 0.3404, 0.3349



34.0401, 0.3207, 0.3308



15.8791, 0.3179, 0.2962



7.6767, 0.3216, 0.3310



63.8283, 0.3127, 0.3290



8.3535, 0.3127, 0.3290

Same Dimension

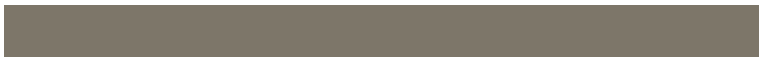
The Same Dimension uses a secret algorithm to generate beautiful new colors.



16.1057, 0.3404, 0.3349



27.3223, 0.3476, 0.3363



18.2583, 0.3376, 0.3533



4.4402, 0.3275, 0.3323



5.0188, 0.6219, 0.3444



0.0000, 0.0000, 0.0000

Inverse Universe

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



18.4045, 0.2894, 0.3230



32.2180, 0.2845, 0.3216



16.1483, 0.2886, 0.3035



4.7807, 0.2993, 0.3257



12.3601, 0.2118, 0.2823



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the Yxy color 16.1050, 0.3404, 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 16.1050, 0.3404, 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 16.1050, 0.3404, 0.3349

Background



This preview shows how black text looks on a background with the Yxy color 16.1050, 0.3404, 0.3349.



This preview shows how white text looks on a background with the Yxy color 16.1050, 0.3404, 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

16.1050, 0.3404, 0.3349

Protanopia

16.0753, 0.3231, 0.3371

Deuteranopia

16.1050, 0.3404, 0.3349



Tritanopia

16.1888, 0.3286, 0.3138

Trichromacy



Original Color

16.1050, 0.3404, 0.3349

Protanomaly

16.1144, 0.3301, 0.3370

Deuteranomaly

16.1050, 0.3404, 0.3349

Tritanomaly

16.0987, 0.3340, 0.3214

Monochromacy



Original Color

16.1050, 0.3404, 0.3349

Achromatopsia

16.5132, 0.3127, 0.3290

Achromatomaly

16.2766, 0.3220, 0.3310

CSS Examples

Text

The CSS property to change the color of the text to Yxy 16.1050, 0.3404, 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(125, 108, 105)` looks like.

```
.text, #text, p{  
    color:rgb(125, 108, 105)  
}
```

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(125, 108, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 108, 105) }
```

Border

The CSS property to change the border of an element to Yxy 16.1050, 0.3404, 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(125, 108, 105) }
```

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

```
.border{ border-color:rgb(125, 108, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 108, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 108, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 108, 105);  
box-shadow:4px 4px 4px 4px rgb(125, 108,  
105) }
```


Background

The CSS property to change the background color of an element to Yxy 16.1050, 0.3404, 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(125, 108, 105) }
```

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

```
.background{ background-color: rgb(125,  
108, 105) }
```

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