

Converting Colors

$Yxy(16.5317, 0.3446, 0.3674)$

Have a look what the booklet for
Yxy(16.5317, 0.3446, 0.3674)
contains.

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Color

Yxy(16.5403, 0.3449, 0.3673)

Conversions

Conversions Part 1

Format	Color
Hex	77715E
RGB	119, 113, 94
RGB Percent	47%, 44%, 37%
CMY	0.5334, 0.5568, 0.6314
CMYK	0.00, 0.05, 0.21, 0.53
HSL	46°, 12%, 42%
HSV	46°, 21%, 47%
XYZ	15.5316, 16.5403, 12.9602
YIQ	112.6280, 9.6750, -4.6370

Conversions

Conversions Part 2

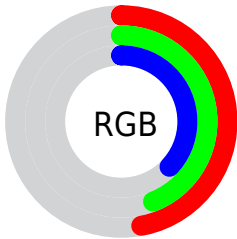
Format	Color
RYB	102, 119, 94
Decimal	7827806
CIELab	47.68, -1.11, 11.40
CIELCh	48, 11.457, 95.545
Yxy	16.5403, 0.3449, 0.3673
Android (android.graphics.Color)	4286017886 (0xFF77715E)
YUV	112.6280, -9.1836, 5.5882
Hunter-Lab	40.6698, -3.0038, 9.5749

Details

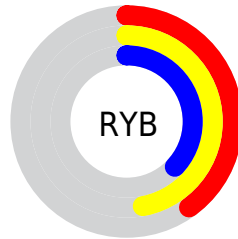
The Yxy color **16.5403, 0.3449, 0.3673** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.8188, 0.2803, 0.2875**, and the grayscale version is **16.4228, 0.3127, 0.3290**.

A 20% lighter version of the original color is **37.5818, 0.3372, 0.3591**, and **5.2961, 0.3586, 0.3837** is the 20% darker color. If you saturate the color by 10%, you get **15.7183, 0.3618, 0.3862**, and if you desaturate by 10%, it is **17.4166, 0.3290, 0.3487**.

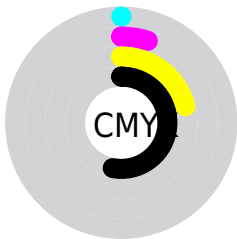
Distribution



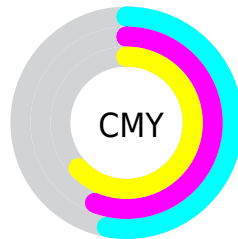
- Red (47%)
- Green (44%)
- Blue (37%)



- Red (40%)
- Yellow (47%)
- Blue (37%)



- Cyan (0%)
- Magenta (5%)
- Yellow (21%)
- Black (53%)



- Cyan (53%)
- Magenta (56%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 16.5403, 0.3449, 0.3673 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 16.5403, 0.3449, 0.3673 by changing the saturation by 10% instead.

■ 16.5403, 0.3449,
0.3673

■ 16.5403, 0.3449,
0.3673

■ 232.5091, 0.3261,
0.3448

■ 9.9073, 0.3508,
0.3744

■ 37.5337, 0.3373,
0.3581

■ 5.3375, 0.3593,
0.3848

■ 52.6628, 0.3347,
0.3550

■ 2.4466, 0.3725,
0.4010

■ 71.3928, 0.3326,
0.3525

■ 0.8497, 0.4440,
0.4833

■ 94.1081, 0.3308,
0.3504

■ 0.0000, 0.0000,
0.0000

■ 121.1929, 0.3294,
0.3487

■ 153.0318, 0.3281,

0.3472

190.0091, 0.3270,
0.3459

■ 16.5403, 0.3449,
0.3673

■ 16.5403, 0.3449,
0.3673

■ 15.7183, 0.3618,
0.3862

■ 17.4166, 0.3290,
0.3487

■ 14.9468, 0.3793,
0.4048

■ 18.3466, 0.3141,
0.3308

■ 14.2247, 0.3971,
0.4223

■ 19.3326, 0.3006,
0.3138

■ 13.5499, 0.4144,
0.4380

■ 20.3760, 0.2882,
0.2978

■ 12.9205, 0.4307,
0.4509

■ 21.4781, 0.2770,
0.2831

■ 12.3340, 0.4451,
0.4601

■ 22.6402, 0.2669,
0.2694

■ 11.7876, 0.4571,
0.4651

■ 23.8637, 0.2578,
0.2569

■ 11.3220, 0.4669,
0.4675

■ 25.1497, 0.2496,
0.2454

■ 26.4994, 0.2423,
0.2349

Harmonies

Analogous

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



16.5403, 0.3564, 0.3562



16.5403, 0.3449, 0.3673



16.5403, 0.3249, 0.3680

Triad

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



16.5403, 0.3449, 0.3673



16.5403, 0.2715, 0.3168



16.5403, 0.3222, 0.3031

Complementary

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



16.5403, 0.3449, 0.3673



12.8188, 0.2803, 0.2875

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.



16.5403, 0.2994, 0.2931



16.5403, 0.3449, 0.3673



16.5403, 0.2708, 0.3002

Square

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



16.5403, 0.3449, 0.3673



16.5403, 0.2828, 0.3380



16.5403, 0.2807, 0.2918



16.5403, 0.3431, 0.3195

Rectangle

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



16.5403, 0.3449, 0.3673



16.5403, 0.3097, 0.3620



16.5403, 0.2807, 0.2918



16.5403, 0.3145, 0.2989

Sweetspot

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



16.5410, 0.3449, 0.3673



31.9916, 0.3216, 0.3399



12.8489, 0.3426, 0.3162



7.5623, 0.3223, 0.3408



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.



16.5410, 0.3449, 0.3673



28.9334, 0.3526, 0.3760



17.4924, 0.3343, 0.3800



4.1249, 0.3259, 0.3451



12.0162, 0.4670, 0.4674



57.1821, 0.4701, 0.4649

Inverse Universe

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



12.8188, 0.2803, 0.2875



21.0566, 0.2725, 0.2771



12.0575, 0.2881, 0.2754



3.7191, 0.2995, 0.3124



2.3077, 0.1589, 0.0921



10.1051, 0.1567, 0.0840

Previews

White Background



This preview shows how the Yxy color 16.5403, 0.3449, 0.3673 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 16.5403, 0.3449, 0.3673 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

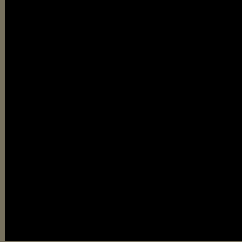
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 16.5403, 0.3449, 0.3673

Background



This preview shows how black text looks on a background with the Yxy color 16.5403, 0.3449, 0.3673.



This preview shows how white text looks on a background with the Yxy color 16.5403, 0.3449, 0.3673.

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

16.5403, 0.3449, 0.3673

Protanopia

16.5403, 0.3449, 0.3673

Deuteranopia

16.5093, 0.3609, 0.3560



Tritanopia

16.5974, 0.3188, 0.3136

Trichromacy



Original Color

16.5403, 0.3449, 0.3673

Protanomaly

16.5403, 0.3449, 0.3673

Deuteranomaly

16.4137, 0.3547, 0.3584

Tritanomaly

16.5380, 0.3288, 0.3330

Monochromacy



Original Color

16.5403, 0.3449, 0.3673

Achromatopsia

16.5132, 0.3127, 0.3290

Achromatomaly

16.4957, 0.3240, 0.3432

CSS Examples

Text

The CSS property to change the color of the text to Yxy 16.5403, 0.3449, 0.3673 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(119, 113, 94)` looks like.

```
.text, #text, p{  
    color:rgb(119, 113, 94)  
}
```

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(119, 113, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 113, 94) }
```

Border

The CSS property to change the border of an element to Yxy 16.5403, 0.3449, 0.3673 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(119, 113, 94) }
```

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

```
.border{ border-color:rgb(119, 113, 94) }
```

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

Here you see how a box with a 4 pixel rgb(119, 113, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 113, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 113, 94);  
box-shadow:4px 4px 4px 4px rgb(119, 113,  
94) }
```


Background

The CSS property to change the background color of an element to Yxy 16.5403, 0.3449, 0.3673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 113, 94) }
```

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

```
.background{ background-color: rgb(119,  
113, 94) }
```

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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