

Converting Colors

$Y_{xy}(10.9670, 0.3645, 0.3249)$

Have a look what the booklet for
Yxy(10.9670, 0.3645, 0.3249)
contains.

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Color

Yxy(10.9670, 0.3645, 0.3249)

Conversions

Conversions Part 1

Format	Color
Hex	755557
RGB	117, 85, 87
RGB Percent	46%, 33%, 34%
CMY	0.5412, 0.6666, 0.6588
CMYK	0.00, 0.27, 0.26, 0.54
HSL	356°, 16%, 40%
HSV	356°, 27%, 46%
XYZ	12.3037, 10.9670, 10.4843
YIQ	94.7960, 18.4300, 7.4060

Conversions

Conversions Part 2

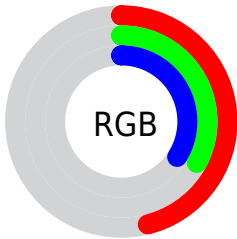
Format	Color
R_{YB}	117, 85, 87
Decimal	7689559
CIE Lab	39.52, 13.60, 4.06
CIE LCh	40, 14.194, 16.635
Yxy	10.9670, 0.3645, 0.3249
Android (android.graphics.Color)	4285879639 (0xFF755557)
YUV	94.7960, -3.8434, 19.4729
Hunter-Lab	33.1165, 8.3640, 4.4110

Details

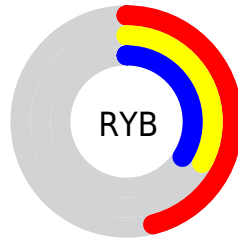
The Yxy color **10.9670, 0.3645, 0.3249** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **15.8896, 0.2769, 0.3332**, and the grayscale version is **11.3986, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.6801, 0.3506, 0.3261**, and **2.9137, 0.3939, 0.3223** is the 20% darker color. If you saturate the color by 10%, you get **9.1091, 0.3920, 0.3234**, and if you desaturate by 10%, it is **13.1578, 0.3420, 0.3265**.

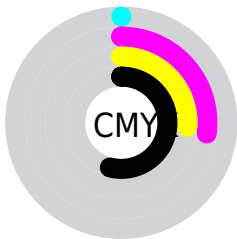
Distribution



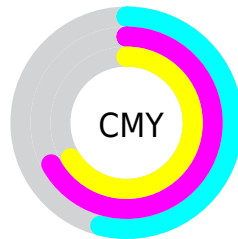
- Red (46%)
- Green (33%)
- Blue (34%)



- Red (46%)
- Yellow (33%)
- Blue (34%)



- Cyan (0%)
- Magenta (27%)
- Yellow (26%)
- Black (54%)





- Cyan (54%)
- Magenta (67%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.9670, 0.3645, 0.3249 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 10.9670, 0.3645, 0.3249 by changing the saturation by 10% instead.


 10.9670, 0.3645,
0.3249

 10.9670, 0.3645,
0.3249


197.4410, 0.3323,
0.3278


 6.0446, 0.3760,
0.3236

 27.5991, 0.3507,
0.3263


 2.8722, 0.3941,
0.3212

 40.0777, 0.3462,
0.3267


 1.0654, 0.4268,
0.3165

 55.8438, 0.3426,
0.3270

 0.0000, 1.0000,
0.0000

 75.2818, 0.3398,
0.3272

 0.0000, 0.0000,
0.0000

 98.7761, 0.3374,
0.3274

126.7112, 0.3354,

0.3276

159.4714, 0.3338,
0.3277

■ 10.9670, 0.3645,
0.3249

■ 10.9670, 0.3645,
0.3249

■ 9.1091, 0.3920,
0.3234

■ 13.1578, 0.3420,
0.3265

■ 7.5665, 0.4252,
0.3220

■ 15.6950, 0.3238,
0.3280

■ 6.3219, 0.4639,
0.3209

■ 18.5933, 0.3091,
0.3294

■ 5.3562, 0.5070,
0.3205

■ 21.8661, 0.2971,
0.3307

■ 4.6480, 0.5510,
0.3210

■ 25.5260, 0.2873,
0.3318

■ 4.1724, 0.5907,
0.3226

■ 29.5852, 0.2793,
0.3329

■ 3.8712, 0.6216,
0.3241

■ 34.0553, 0.2727,
0.3339

■ 3.7971, 0.6290,
0.3239

■ 38.9472, 0.2672,
0.3347

■ 44.2717, 0.2626,
0.3355

Harmonies

Analogous

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



10.9670, 0.3378, 0.3004



10.9670, 0.3645, 0.3249



10.9670, 0.3766, 0.3515

Triad

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



10.9670, 0.3645, 0.3249



10.9670, 0.3176, 0.3814



10.9670, 0.2574, 0.2822

Complementary

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



10.9670, 0.3645, 0.3249



15.8896, 0.2769, 0.3332

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.



10.9670, 0.2528, 0.3013



10.9670, 0.3645, 0.3249



10.9670, 0.2865, 0.3602

Square

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



10.9670, 0.3645, 0.3249



10.9670, 0.3485, 0.3860



10.9670, 0.2631, 0.3299



10.9670, 0.2760, 0.2761

Rectangle

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



10.9670, 0.3645, 0.3249



10.9670, 0.3745, 0.3675



10.9670, 0.2631, 0.3299



10.9670, 0.2542, 0.2872

Sweetspot

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



10.9675, 0.3645, 0.3249



27.6900, 0.3253, 0.3278



11.4176, 0.3124, 0.2640



6.2286, 0.3274, 0.3277



60.3827, 0.3127, 0.3290



7.3239, 0.3127, 0.3290

Same Dimension

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



10.9675, 0.3645, 0.3249



17.4089, 0.3818, 0.3239



13.3356, 0.3606, 0.3583



3.7042, 0.3267, 0.3277



4.1835, 0.6295, 0.3242



20.3416, 0.6353, 0.3274

Inverse Universe

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



10.9675, 0.3645, 0.3249



17.4089, 0.3818, 0.3239



12.9423, 0.2720, 0.2978



3.7042, 0.3267, 0.3277



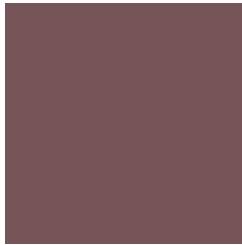
4.1835, 0.6295, 0.3242



20.3416, 0.6353, 0.3274

Previews

White Background



This preview shows how the Yxy color 10.9670, 0.3645, 0.3249 looks on a white background.

Color Contrast Check

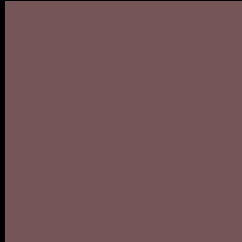
Large Text (above 18pt) WCAG AA ✓ Pass

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 10.9670, 0.3645, 0.3249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

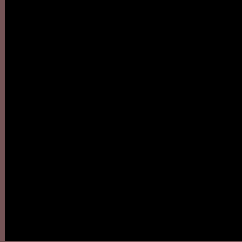
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 10.9670, 0.3645, 0.3249

Background



This preview shows how black text looks on a background with the Yxy color 10.9670, 0.3645, 0.3249.



This preview shows how white text looks on a background with the Yxy color 10.9670, 0.3645, 0.3249.

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

10.9670, 0.3645, 0.3249

Protanopia

11.0169, 0.3188, 0.3338

Deuteranopia

10.9875, 0.3436, 0.3382



Tritanopia

10.8779, 0.3581, 0.3142

Trichromacy



Original Color

10.9670, 0.3645, 0.3249

Protanomaly

10.9341, 0.3339, 0.3291

Deuteranomaly

10.9025, 0.3511, 0.3336

Tritanomaly

10.8607, 0.3598, 0.3164

Monochromacy



Original Color

10.9670, 0.3645, 0.3249

Achromatopsia

11.4435, 0.3127, 0.3290

Achromatomaly

11.1384, 0.3305, 0.3268

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.9670, 0.3645, 0.3249 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(117, 85, 87)` looks like.

```
.text, #text, p{  
    color:rgb(117, 85, 87)  
}
```

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(117, 85, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 85, 87) }
```

Border

The CSS property to change the border of an element to Yxy 10.9670, 0.3645, 0.3249 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(117, 85, 87) }
```

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

```
.border{ border-color:rgb(117, 85, 87) }
```

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

Here you see how a box with a 4 pixel rgb(117, 85, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 85, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 85, 87);  
box-shadow:4px 4px 4px 4px rgb(117, 85,  
87) }
```


Background

The CSS property to change the background color of an element to Yxy 10.9670, 0.3645, 0.3249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 85, 87) }
```

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

```
.background{ background-color: rgb(117, 85,  
87) }
```

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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