

Converting Colors

$Y_{xy}(15.1189, 0.3395, 0.3156)$

Have a look what the booklet for
Yxy(15.1189, 0.3395, 0.3156)
contains.

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Color

Yxy(15.1189, 0.3395, 0.3156)

Conversions

Conversions Part 1

Format	Color
Hex	7F666D
RGB	127, 102, 109
RGB Percent	50%, 40%, 43%
CMY	0.5019, 0.6000, 0.5726
CMYK	0.00, 0.20, 0.14, 0.50
HSL	343°, 11%, 45%
HSV	343°, 20%, 50%
XYZ	16.2638, 15.1189, 16.5225
YIQ	110.2730, 12.6530, 7.4770

Conversions

Conversions Part 2

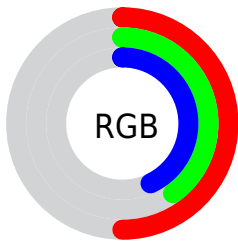
Format	Color
R _Y B	127, 102, 109
Decimal	8349293
CIE Lab	45.80, 11.22, -0.13
CIE LCh	46, 11.222, 359.333
Yxy	15.1189, 0.3395, 0.3156
Android (android.graphics.Color)	4286539373 (0xFF7F666D)
YUV	110.2730, -0.6276, 14.6696
Hunter-Lab	38.8830, 6.6170, 2.0241

Details

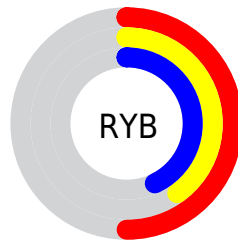
The Yxy color **15.1189, 0.3395, 0.3156** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **19.3624, 0.2915, 0.3429**, and the grayscale version is **15.6747, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.0238, 0.3333, 0.3193**, and **4.6999, 0.3524, 0.3080** is the 20% darker color. If you saturate the color by 10%, you get **12.6244, 0.3576, 0.3083**, and if you desaturate by 10%, it is **18.0178, 0.3246, 0.3226**.

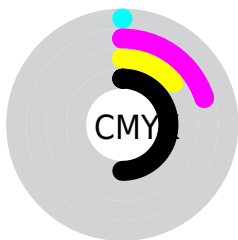
Distribution



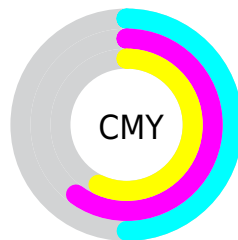
- Red (50%)
- Green (40%)
- Blue (43%)



- Red (50%)
- Yellow (40%)
- Blue (43%)



- Cyan (0%)
- Magenta (20%)
- Yellow (14%)
- Black (50%)





- Cyan (50%)
- Magenta (60%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.1189, 0.3395, 0.3156 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 15.1189, 0.3395, 0.3156 by changing the saturation by 10% instead.


 15.1189, 0.3395,
0.3156


 15.1189, 0.3395,
0.3156


224.0848, 0.3236,
0.3236


 8.9029, 0.3447,
0.3130


 35.0616, 0.3330,
0.3189


 4.6779, 0.3523,
0.3092

 49.5571, 0.3307,
0.3200

 2.0595, 0.3647,
0.3030

 67.5812, 0.3290,
0.3209

 0.6417, 0.3959,
0.2872

 89.5183, 0.3275,
0.3216

 0.0000, 0.0000,
0.0000

115.7529, 0.3263,
0.3222

146.6692, 0.3253,

0.3227

182.6517, 0.3244,
0.3232

■ 15.1189, 0.3395,
0.3156

■ 15.1189, 0.3395,
0.3156

■ 12.6244, 0.3576,
0.3083

■ 18.0178, 0.3246,
0.3226

■ 10.5143, 0.3795,
0.3011

■ 21.3360, 0.3124,
0.3292

■ 8.7699, 0.4056,
0.2943

■ 25.0900, 0.3023,
0.3353

■ 7.3702, 0.4360,
0.2888

■ 29.2948, 0.2941,
0.3409

■ 6.2919, 0.4700,
0.2853

■ 33.9648, 0.2873,
0.3461

■ 5.5091, 0.5061,
0.2849

■ 39.1136, 0.2817,
0.3508

■ 4.9914, 0.5416,
0.2885

■ 44.7545, 0.2770,
0.3551

■ 4.6468, 0.5748,
0.2944

■ 50.9000, 0.2731,
0.3590

■ 4.6365, 0.5758,
0.2946

■ 57.5623, 0.2698,
0.3625

Harmonies

Analogous

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



15.1189, 0.3175, 0.3002



15.1189, 0.3395, 0.3156



15.1189, 0.3545, 0.3347

Triad

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



15.1189, 0.3395, 0.3156



15.1189, 0.3296, 0.3692



15.1189, 0.2696, 0.3028

Complementary

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



15.1189, 0.3395, 0.3156



19.3624, 0.2915, 0.3429

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.



15.1189, 0.2727, 0.3209



15.1189, 0.3395, 0.3156



15.1189, 0.3068, 0.3606

Square

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



15.1189, 0.3395, 0.3156



15.1189, 0.3485, 0.3661



15.1189, 0.2861, 0.3424



15.1189, 0.2776, 0.2924

Rectangle

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



15.1189, 0.3395, 0.3156



15.1189, 0.3581, 0.3473



15.1189, 0.2861, 0.3424



15.1189, 0.2694, 0.3081

Sweetspot

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



15.1196, 0.3395, 0.3156



34.2801, 0.3200, 0.3250



15.0234, 0.3052, 0.2810



7.9552, 0.3206, 0.3246



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.



15.1196, 0.3395, 0.3156



24.8021, 0.3479, 0.3121



16.0753, 0.3476, 0.3396



4.3625, 0.3238, 0.3230



4.6752, 0.5759, 0.2946



0.0000, 0.0000, 0.0000

Inverse Universe

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



15.1196, 0.3395, 0.3156



24.8021, 0.3479, 0.3121



18.1760, 0.2839, 0.3181



4.3625, 0.3238, 0.3230



4.6752, 0.5759, 0.2946



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the Yxy color 15.1189, 0.3395, 0.3156 looks on a white background.

Color Contrast Check

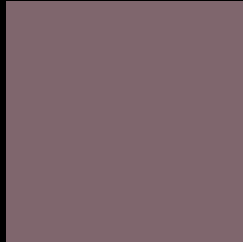
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.1189, 0.3395, 0.3156 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

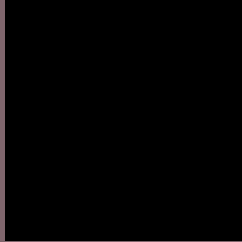
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.1189, 0.3395, 0.3156

Background



This preview shows how black text looks on a background with the Yxy color 15.1189, 0.3395, 0.3156.



This preview shows how white text looks on a background with the Yxy color 15.1189, 0.3395, 0.3156.

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

15.1189, 0.3395, 0.3156

Protanopia

15.1462, 0.3090, 0.3207

Deuteranopia

15.1078, 0.3286, 0.3230



Tritanopia

15.1406, 0.3380, 0.3136

Trichromacy



Original Color

15.1189, 0.3395, 0.3156

Protanomaly

15.1688, 0.3201, 0.3189

Deuteranomaly

15.1209, 0.3331, 0.3212

Tritanomaly

15.1406, 0.3380, 0.3136

Monochromacy



Original Color

15.1189, 0.3395, 0.3156

Achromatopsia

15.5926, 0.3127, 0.3290

Achromatomaly

15.3542, 0.3213, 0.3230

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.1189, 0.3395, 0.3156 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(127, 102, 109)` looks like.

```
.text, #text, p{  
    color:rgb(127, 102, 109)  
}
```

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(127, 102, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 102, 109) }
```

Border

The CSS property to change the border of an element to Yxy 15.1189, 0.3395, 0.3156 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(127, 102, 109) }
```

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

```
.border{ border-color:rgb(127, 102, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 102, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 102, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 102, 109);  
box-shadow:4px 4px 4px 4px rgb(127, 102,  
109) }
```


Background

The CSS property to change the background color of an element to Yxy 15.1189, 0.3395, 0.3156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 102, 109) }
```

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

```
.background{ background-color: rgb(127,  
102, 109) }
```

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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