

Converting Colors

$Y_{xy}(11.8695, 0.3660, 0.3611)$

Have a look what the booklet for
Yxy(11.8695, 0.3660, 0.3611)
contains.

Yxy(11.8380, 0.3650, 0.3599)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(11.8380, 0.3650, 0.3599)

Conversions

Conversions Part 1

Format	Color
Hex	705D4F
RGB	112, 93, 79
RGB Percent	44%, 36%, 31%
CMY	0.5609, 0.6353, 0.6902
CMYK	0.00, 0.17, 0.29, 0.56
HSL	25°, 17%, 37%
HSV	25°, 29%, 44%
XYZ	12.0058, 11.8380, 9.0487
YIQ	97.0850, 15.8180, -0.3260

Conversions

Conversions Part 2

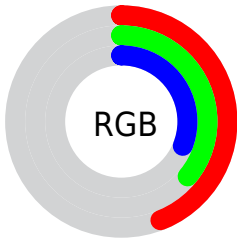
Format	Color
RYB	112, 103, 79
Decimal	7363919
CIELab	40.96, 5.37, 10.92
CIElCh	41, 12.171, 63.838
Yxy	11.8380, 0.3650, 0.3599
Android (android.graphics.Color)	4285553999 (0xFF705D4F)
YUV	97.0850, -8.9159, 13.0805
Hunter-Lab	34.4064, 2.0745, 8.4915

Details

The Yxy color **11.8380, 0.3650, 0.3599** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.5607, 0.2690, 0.2959**, and the grayscale version is **11.9953, 0.3127, 0.3290**.

A 20% lighter version of the original color is **29.0959, 0.3513, 0.3521**, and **3.2111, 0.3912, 0.3728** is the 20% darker color. If you saturate the color by 10%, you get **10.6054, 0.3878, 0.3709**, and if you desaturate by 10%, it is **13.1944, 0.3448, 0.3490**.

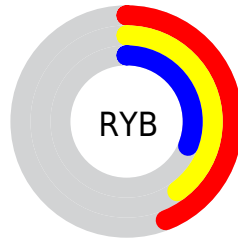
Distribution



Red (44%)

Green (36%)

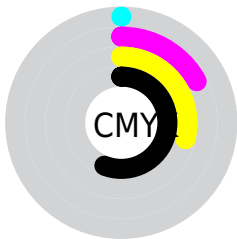
Blue (31%)



Red (44%)

Yellow (40%)

Blue (31%)

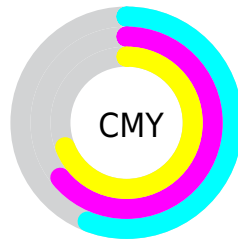


Cyan (0%)

Magenta (17%)

Yellow (29%)

Black (56%)



Cyan (56%)


Magenta (64%)


Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.8380, 0.3650, 0.3599 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 11.8380, 0.3650, 0.3599 by changing the saturation by 10% instead.


 11.8380, 0.3650,
0.3599


 11.8380, 0.3650,
0.3599


203.3298, 0.3328,
0.3414

 6.6335, 0.3762,
0.3659


 29.1997, 0.3513,
0.3523


 3.2339, 0.3933,
0.3747

 42.1257, 0.3469,
0.3497

 1.2551, 0.4298,
0.3949

 58.3942, 0.3433,
0.3476

 0.1060, 0.6862,
0.3138

 78.3898, 0.3404,
0.3459

 0.0000, 0.0000,
0.0000

 102.4967, 0.3380,
0.3445

131.0995, 0.3360,

0.3433

164.5824, 0.3343,
0.3423

■ 11.8380, 0.3650,
0.3599

■ 11.8380, 0.3650,
0.3599

■ 10.6054, 0.3878,
0.3709

■ 13.1944, 0.3448,
0.3490

■ 9.4913, 0.4133,
0.3814

■ 14.6765, 0.3272,
0.3384

■ 8.4923, 0.4411,
0.3907

■ 16.2882, 0.3119,
0.3285

■ 7.6042, 0.4704,
0.3977

■ 18.0328, 0.2987,
0.3192

■ 6.8225, 0.4997,
0.4014

■ 19.9134, 0.2872,
0.3106

■ 6.1424, 0.5273,
0.4008

■ 21.9330, 0.2772,
0.3027

■ 5.5529, 0.5538,
0.3974

■ 24.0945, 0.2685,
0.2954

■ 5.5229, 0.5553,
0.3973

■ 26.4007, 0.2609,
0.2888

■ 28.8544, 0.2543,
0.2827

Harmonies

Analogous

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



11.8380, 0.3635, 0.3388



11.8380, 0.3650, 0.3599



11.8380, 0.3519, 0.3740

Triad

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



11.8380, 0.3650, 0.3599



11.8380, 0.2784, 0.3410



11.8380, 0.2953, 0.2863

Complementary

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



11.8380, 0.3650, 0.3599



11.5607, 0.2690, 0.2959

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.



11.8380, 0.2739, 0.2853



11.8380, 0.3650, 0.3599



11.8380, 0.2645, 0.3157

Square

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



11.8380, 0.3650, 0.3599



11.8380, 0.3016, 0.3638



11.8380, 0.2629, 0.2955



11.8380, 0.3223, 0.2976

Rectangle

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



11.8380, 0.3650, 0.3599



11.8380, 0.3371, 0.3769



11.8380, 0.2629, 0.2955



11.8380, 0.2873, 0.2848

Sweetspot

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



11.8385, 0.3650, 0.3599



25.8521, 0.3269, 0.3382



9.9214, 0.3386, 0.2874



6.1348, 0.3288, 0.3394



58.7016, 0.3127, 0.3290



6.8385, 0.3127, 0.3290

Same Dimension

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



11.8385, 0.3650, 0.3599



19.3803, 0.3795, 0.3670



14.9946, 0.3560, 0.3930



3.6129, 0.3265, 0.3380



6.3431, 0.5565, 0.3964



29.9599, 0.5656, 0.3891

Inverse Universe

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



11.5607, 0.2690, 0.2959



18.8093, 0.2594, 0.2874



8.8279, 0.2650, 0.2557



3.5892, 0.2996, 0.3199



5.5999, 0.1859, 0.1891



26.1597, 0.1836, 0.1809

Previews

White Background



This preview shows how the Yxy color 11.8380, 0.3650, 0.3599 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 11.8380, 0.3650, 0.3599 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

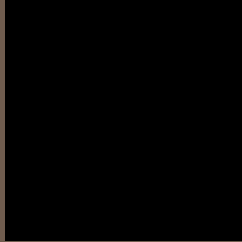
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.8380, 0.3650, 0.3599

Background



This preview shows how black text looks on a background with the Yxy color 11.8380, 0.3650, 0.3599.

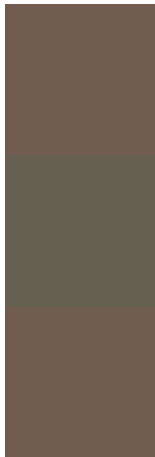


This preview shows how white text looks on a background with the Yxy color 11.8380, 0.3650, 0.3599.

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

11.8380, 0.3650, 0.3599

Protanopia

11.7846, 0.3440, 0.3637

Deuteranopia

11.8380, 0.3650, 0.3599



Tritanopia

11.7528, 0.3409, 0.3141

Trichromacy



Original Color

11.8380, 0.3650, 0.3599

Protanomaly

11.8278, 0.3525, 0.3630

Deuteranomaly

11.8380, 0.3650, 0.3599

Tritanomaly

11.7311, 0.3501, 0.3313

Monochromacy



Original Color

11.8380, 0.3650, 0.3599

Achromatopsia

11.9538, 0.3127, 0.3290

Achromatomaly

11.9287, 0.3306, 0.3427

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.8380, 0.3650, 0.3599 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(112, 93, 79)` looks like.

```
.text, #text, p{  
    color:rgb(112, 93, 79)  
}
```

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(112, 93, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 93, 79) }
```

Border

The CSS property to change the border of an element to Yxy 11.8380, 0.3650, 0.3599 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(112, 93, 79) }
```

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

```
.border{ border-color:rgb(112, 93, 79) }
```

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

Here you see how a box with a 4 pixel rgb(112, 93, 79) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 93, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 93, 79);  
box-shadow:4px 4px 4px 4px rgb(112, 93,  
79) }
```


Background

The CSS property to change the background color of an element to Yxy 11.8380, 0.3650, 0.3599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 93, 79) }
```

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

```
.background{ background-color: rgb(112, 93,  
79) }
```

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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