

Converting Colors

$Y_{xy}(11.8112, 0.3617, 0.3329)$

Have a look what the booklet for
Yxy(11.8112, 0.3617, 0.3329)
contains.

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Color

Yxy(11.8685, 0.3620, 0.3334)

Conversions

Conversions Part 1

Format	Color
Hex	765A58
RGB	118, 90, 88
RGB Percent	46%, 35%, 35%
CMY	0.5373, 0.6470, 0.6549
CMYK	0.00, 0.24, 0.25, 0.54
HSL	4°, 15%, 40%
HSV	4°, 25%, 46%
XYZ	12.8866, 11.8685, 10.8433
YIQ	98.1440, 17.3300, 5.3140

Conversions

Conversions Part 2

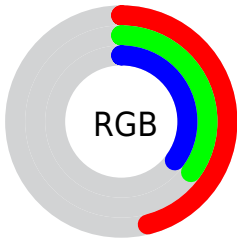
Format	Color
R _Y B	118, 90, 88
Decimal	7756376
CIE Lab	41.01, 11.15, 5.58
CIE LCh	41, 12.467, 26.605
Yxy	11.8685, 0.3620, 0.3334
Android (android.graphics.Color)	4285946456 (0xFF765A58)
YUV	98.1440, -5.0010, 17.4137
Hunter-Lab	34.4507, 6.4809, 5.4541

Details

The Yxy color **11.8685, 0.3620, 0.3334** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **15.8645, 0.2769, 0.3246**, and the grayscale version is **12.2612, 0.3127, 0.3290**.

A 20% lighter version of the original color is **29.2491, 0.3492, 0.3321**, and **3.2410, 0.3891, 0.3326** is the 20% darker color. If you saturate the color by 10%, you get **9.9677, 0.3894, 0.3353**, and if you desaturate by 10%, it is **14.0769, 0.3395, 0.3316**.

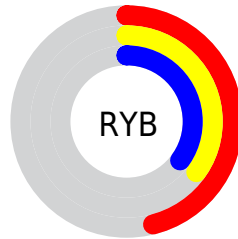
Distribution



Red (46%)

Green (35%)

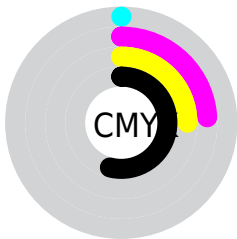
Blue (35%)



Red (46%)

Yellow (35%)

Blue (35%)

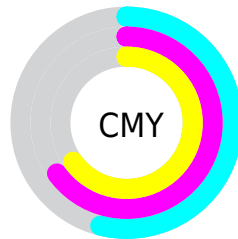


Cyan (0%)

Magenta (24%)

Yellow (25%)

Black (54%)



Cyan (54%)


Magenta (65%)


Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.8685, 0.3620, 0.3334 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 11.8685, 0.3620, 0.3334 by changing the saturation by 10% instead.


 11.8685, 0.3620,
0.3334


 11.8685, 0.3620,
0.3334


203.5328, 0.3316,
0.3311


 6.6542, 0.3727,
0.3339


 29.2554, 0.3491,
0.3326


 3.2468, 0.3891,
0.3343

 42.1967, 0.3448,
0.3323

 1.2619, 0.4179,
0.3342

 58.4826, 0.3415,
0.3320

 0.1114, 0.7724,
0.2276

 78.4973, 0.3388,
0.3318

 0.0000, 0.0000,
0.0000

 102.6253, 0.3365,
0.3316

131.2509, 0.3346,

0.3314

164.7586, 0.3330,
0.3313

■ 11.8685, 0.3620,
0.3334

■ 11.8685, 0.3620,
0.3334

■ 9.9677, 0.3894,
0.3353

■ 14.0769, 0.3395,
0.3316

■ 8.3594, 0.4222,
0.3370

■ 16.6041, 0.3212,
0.3299

■ 7.0296, 0.4606,
0.3385

■ 19.4625, 0.3062,
0.3283

■ 5.9623, 0.5033,
0.3394

■ 22.6635, 0.2940,
0.3269

■ 5.1402, 0.5473,
0.3393

■ 26.2181, 0.2839,
0.3255

■ 4.5438, 0.5876,
0.3381

■ 30.1365, 0.2756,
0.3244

■ 4.1493, 0.6190,
0.3361

■ 34.4286, 0.2686,
0.3233

■ 4.0223, 0.6319,
0.3365

■ 39.1041, 0.2628,
0.3223

■ 44.1720, 0.2579,
0.3215

Harmonies

Analogous

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



11.8685, 0.3428, 0.3110



11.8685, 0.3620, 0.3334



11.8685, 0.3673, 0.3558

Triad

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



11.8685, 0.3620, 0.3334



11.8685, 0.3079, 0.3689



11.8685, 0.2692, 0.2858

Complementary

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



11.8685, 0.3620, 0.3334



15.8645, 0.2769, 0.3246

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.



11.8685, 0.2609, 0.2989



11.8685, 0.3620, 0.3334



11.8685, 0.2826, 0.3475

Square

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



11.8685, 0.3620, 0.3334



11.8685, 0.3353, 0.3779



11.8685, 0.2657, 0.3213



11.8685, 0.2889, 0.2841

Rectangle

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



11.8685, 0.3620, 0.3334



11.8685, 0.3622, 0.3679



11.8685, 0.2657, 0.3213



11.8685, 0.2651, 0.2889

Sweetspot

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



11.8690, 0.3620, 0.3334



27.9104, 0.3259, 0.3303



12.0895, 0.3185, 0.2729



6.2861, 0.3282, 0.3306



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.



11.8690, 0.3620, 0.3334



19.0280, 0.3759, 0.3344



14.6551, 0.3548, 0.3642



3.7368, 0.3274, 0.3305



4.3455, 0.6322, 0.3362



20.7003, 0.6365, 0.3328

Inverse Universe

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



15.8645, 0.2769, 0.3246



27.2172, 0.2700, 0.3235



12.6873, 0.2741, 0.2911



4.1152, 0.2995, 0.3275



13.4883, 0.2191, 0.3086



65.2296, 0.2188, 0.3075

Previews

White Background



This preview shows how the Yxy color 11.8685, 0.3620, 0.3334 looks on a white background.

Color Contrast Check

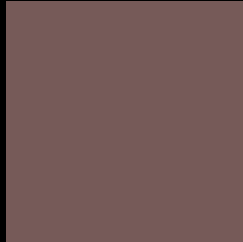
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.8685, 0.3620, 0.3334 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

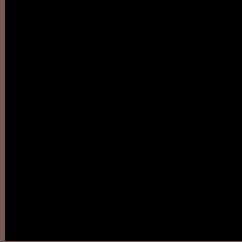
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.8685, 0.3620, 0.3334

Background



This preview shows how black text looks on a background with the Yxy color 11.8685, 0.3620, 0.3334.



This preview shows how white text looks on a background with the Yxy color 11.8685, 0.3620, 0.3334.

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

11.8685, 0.3620, 0.3334

Protanopia

12.0140, 0.3258, 0.3428

Deuteranopia

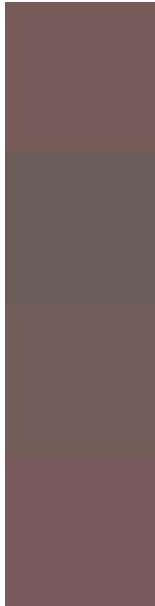
11.8318, 0.3491, 0.3423



Tritanopia

11.9112, 0.3510, 0.3145

Trichromacy



Original Color

11.8685, 0.3620, 0.3334

Protanomaly

11.8694, 0.3392, 0.3380

Deuteranomaly

11.8531, 0.3544, 0.3400

Tritanomaly

11.8570, 0.3559, 0.3208

Monochromacy



Original Color

11.8685, 0.3620, 0.3334

Achromatopsia

12.2139, 0.3127, 0.3290

Achromatomaly

11.9958, 0.3297, 0.3313

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.8685, 0.3620, 0.3334 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(118, 90, 88)` looks like.

```
.text, #text, p{  
    color:rgb(118, 90, 88)  
}
```

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(118, 90, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 90, 88) }
```

Border

The CSS property to change the border of an element to Yxy 11.8685, 0.3620, 0.3334 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(118, 90, 88) }
```

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

```
.border{ border-color:rgb(118, 90, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 90, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 90, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 90, 88);  
box-shadow:4px 4px 4px 4px rgb(118, 90,  
88) }
```


Background

The CSS property to change the background color of an element to Yxy 11.8685, 0.3620, 0.3334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 90, 88) }
```

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

```
.background{ background-color: rgb(118, 90,  
88) }
```

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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