

Converting Colors

$Y_{xy}(11.0910, 0.4164, 0.3566)$

Have a look what the booklet for
Yxy(11.0910, 0.4164, 0.3566)
contains.

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Color

Yxy(11.1282, 0.4148, 0.3573)

Conversions

Conversions Part 1

Format	Color
Hex	7F5345
RGB	127, 83, 69
RGB Percent	50%, 33%, 27%
CMY	0.5020, 0.6745, 0.7294
CMYK	0.00, 0.35, 0.46, 0.50
HSL	14°, 30%, 38%
HSV	14°, 46%, 50%
XYZ	12.9191, 11.1282, 7.0980
YIQ	94.5600, 30.7180, 4.9740

Conversions

Conversions Part 2

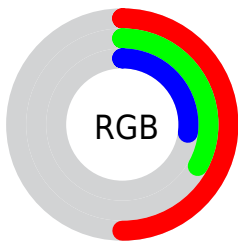
Format	Color
RYB	127, 87, 69
Decimal	8344389
CIELab	39.80, 16.58, 15.71
CIELCh	40, 22.840, 43.448
Yxy	11.1282, 0.4148, 0.3573
Android (android.graphics.Color)	4286534469 (0xFF7F5345)
YUV	94.5600, -12.6011, 28.4499
Hunter-Lab	33.3590, 10.7502, 10.7357

Details

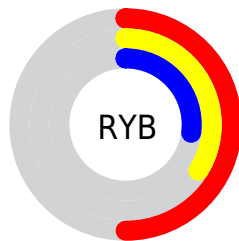
The Yxy color **11.1282, 0.4148, 0.3573** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **14.6055, 0.2485, 0.2978**, and the grayscale version is **11.3587, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.8832, 0.3874, 0.3524**, and **2.8936, 0.4698, 0.3625** is the 20% darker color. If you saturate the color by 10%, you get **9.6144, 0.4482, 0.3627**, and if you desaturate by 10%, it is **12.8817, 0.3855, 0.3511**.

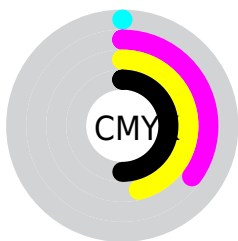
Distribution



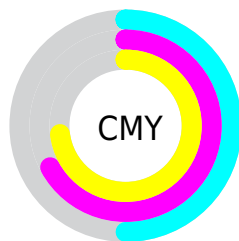
- Red (50%)
- Green (33%)
- Blue (27%)



- Red (50%)
- Yellow (34%)
- Blue (27%)



- Cyan (0%)
- Magenta (35%)
- Yellow (46%)
- Black (50%)



- Cyan (50%)
- Magenta (67%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 11.1282, 0.4148, 0.3573 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 11.1282, 0.4148, 0.3573 by changing the saturation by 10% instead.

■ 11.1282, 0.4148,
0.3573

■ 11.1282, 0.4148,
0.3573

198.5450, 0.3514,
0.3419

■ 6.1531, 0.4370,
0.3610

■ 27.8970, 0.3877,
0.3516

■ 2.9384, 0.4708,
0.3647

■ 40.4595, 0.3789,
0.3494

■ 1.0997, 0.5729,
0.3972

■ 56.3199, 0.3719,
0.3477

■ 0.0000, 1.0000,
0.0000

■ 75.8627, 0.3662,
0.3461

■ 0.0000, 0.0000,
0.0000

■ 99.4722, 0.3615,
0.3448

127.5328, 0.3576,

0.3437

160.4289, 0.3542,
0.3427

■ 11.1282, 0.4148,
0.3573

■ 11.1282, 0.4148,
0.3573

■ 9.6144, 0.4482,
0.3627

■ 12.8817, 0.3855,
0.3511

■ 8.3280, 0.4850,
0.3666

■ 14.8832, 0.3605,
0.3446

■ 7.2583, 0.5232,
0.3679

■ 17.1426, 0.3393,
0.3383

■ 6.3928, 0.5598,
0.3659

■ 19.6686, 0.3215,
0.3322

■ 5.7163, 0.5912,
0.3604

■ 22.4696, 0.3066,
0.3266

■ 5.4739, 0.6044,
0.3583

■ 25.5538, 0.2940,
0.3214

■ 28.9288, 0.2834,
0.3167

■ 32.6020, 0.2745,
0.3124

■ 36.5805, 0.2669,
0.3085

Harmonies

Analogous

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



11.1282, 0.3924, 0.3167



11.1282, 0.4148, 0.3573



11.1282, 0.4068, 0.3950

Triad

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



11.1282, 0.4148, 0.3573



11.1282, 0.2749, 0.3852



11.1282, 0.2509, 0.2472

Complementary

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



11.1282, 0.4148, 0.3573



14.6055, 0.2485, 0.2978

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.



11.1282, 0.2251, 0.2571



11.1282, 0.4148, 0.3573



11.1282, 0.2377, 0.3344

Square

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



11.1282, 0.4148, 0.3573



11.1282, 0.3243, 0.4178



11.1282, 0.2204, 0.2873



11.1282, 0.2944, 0.2562

Rectangle

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



11.1282, 0.4148, 0.3573



11.1282, 0.3864, 0.4136



11.1282, 0.2204, 0.2873



11.1282, 0.2400, 0.2483

Sweetspot

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



11.1287, 0.4148, 0.3573



31.2758, 0.3367, 0.3374



9.9710, 0.3403, 0.2443



7.1364, 0.3403, 0.3386



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.



11.1287, 0.4148, 0.3573



17.0581, 0.4505, 0.3631



16.4258, 0.3894, 0.4109



4.4999, 0.3273, 0.3343



5.5194, 0.6044, 0.3583



0.0000, 0.0000, 0.0000

Inverse Universe

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



14.6055, 0.2485, 0.2978



24.0903, 0.2360, 0.2891



9.2111, 0.2370, 0.2300



4.7164, 0.2993, 0.3237



10.0418, 0.2032, 0.2516



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the Yxy color 11.1282, 0.4148, 0.3573 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 11.1282, 0.4148, 0.3573 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

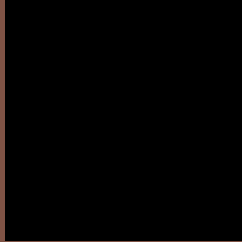
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.1282, 0.4148, 0.3573

Background



This preview shows how black text looks on a background with the Yxy color 11.1282, 0.4148, 0.3573.

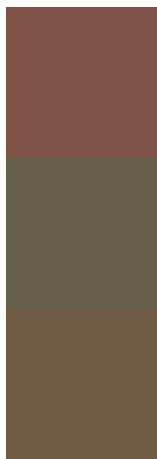


This preview shows how white text looks on a background with the Yxy color 11.1282, 0.4148, 0.3573.

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

11.1282, 0.4148, 0.3573

Protanopia

11.2091, 0.3522, 0.3762

Deuteranopia

11.1744, 0.3848, 0.3777



Tritanopia

11.1622, 0.3855, 0.3173

Trichromacy



Original Color

11.1282, 0.4148, 0.3573

Protanomaly

11.0952, 0.3748, 0.3695

Deuteranomaly

11.0157, 0.3959, 0.3699

Tritanomaly

11.2030, 0.3976, 0.3332

Monochromacy



Original Color

11.1282, 0.4148, 0.3573

Achromatopsia

11.4435, 0.3127, 0.3290

Achromatomaly

11.2799, 0.3465, 0.3404

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.1282, 0.4148, 0.3573 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, 83, 69)` looks like.

```
.text, #text, p{  
    color:rgb(127, 83, 69)  
}
```

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, 83, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 83, 69) }
```

Border

The CSS property to change the border of an element to Yxy 11.1282, 0.4148, 0.3573 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, 83, 69) }
```

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

```
.border{ border-color:rgb(127, 83, 69) }
```

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

Here you see how a box with a 4 pixel rgb(127, 83, 69) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 83, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 83, 69);  
box-shadow:4px 4px 4px 4px rgb(127, 83,  
69) }
```


Background

The CSS property to change the background color of an element to Yxy 11.1282, 0.4148, 0.3573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 83, 69) }
```

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

```
.background{ background-color: rgb(127, 83,  
69) }
```

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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