

Converting Colors

$Y_{xy}(11.9021, 0.3851, 0.3409)$

Have a look what the booklet for
Yxy(11.9021, 0.3851, 0.3409)
contains.

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Color

Yxy(11.9486, 0.3849, 0.3414)

Conversions

Conversions Part 1

Format	Color
Hex	7D5852
RGB	125, 88, 82
RGB Percent	49%, 35%, 32%
CMY	0.5098, 0.6549, 0.6784
CMYK	0.00, 0.30, 0.34, 0.51
HSL	8°, 21%, 41%
HSV	8°, 34%, 49%
XYZ	13.4710, 11.9486, 9.5792
YIQ	98.3790, 23.9780, 5.9780

Conversions

Conversions Part 2

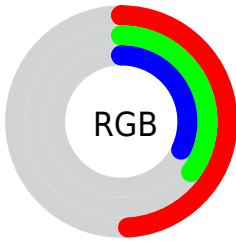
Format	Color
R_{YB}	125, 89, 82
Decimal	8214610
CIE Lab	41.13, 14.42, 9.56
CIE LCh	41, 17.300, 33.530
Yxy	11.9486, 0.3849, 0.3414
Android (android.graphics.Color)	4286404690 (0xFF7D5852)
YUV	98.3790, -8.0748, 23.3466
Hunter-Lab	34.5667, 9.0716, 7.7662

Details

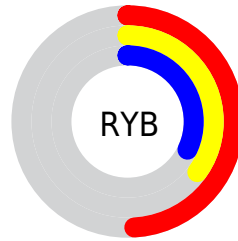
The Yxy color **11.9486, 0.3849, 0.3414** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **16.4709, 0.2644, 0.3161**, and the grayscale version is **12.3299, 0.3127, 0.3290**.

A 20% lighter version of the original color is **29.3994, 0.3667, 0.3393**, and **3.2854, 0.4269, 0.3451** is the 20% darker color. If you saturate the color by 10%, you get **10.1382, 0.4159, 0.3450**, and if you desaturate by 10%, it is **14.0555, 0.3589, 0.3376**.

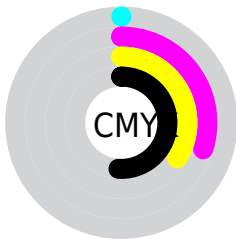
Distribution



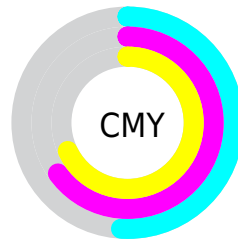
- Red (49%)
- Green (35%)
- Blue (32%)



- Red (49%)
- Yellow (35%)
- Blue (32%)



- Cyan (0%)
- Magenta (30%)
- Yellow (34%)
- Black (51%)





- Cyan (51%)
- Magenta (65%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 11.9486, 0.3849, 0.3414 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 11.9486, 0.3849, 0.3414 by changing the saturation by 10% instead.


 11.9486, 0.3849,
0.3414


 11.9486, 0.3849,
0.3414


204.0647, 0.3404,
0.3348


 6.7087, 0.4004,
0.3430


 29.4015, 0.3659,
0.3390

 3.2806, 0.4243,
0.3446

 42.3832, 0.3598,
0.3380


 1.2799, 0.4688,
0.3480

 58.7143, 0.3548,
0.3373

 0.1256, 0.7896,
0.2104

 78.7792, 0.3509,
0.3366

 0.0000, 0.0000,
0.0000

 102.9623, 0.3476,
0.3361

131.6480, 0.3448,

0.3356

165.2207, 0.3424,
0.3351

■ 11.9486, 0.3849,
0.3414

■ 11.9486, 0.3849,
0.3414

■ 10.1382, 0.4159,
0.3450

■ 14.0555, 0.3589,
0.3376

■ 8.6093, 0.4519,
0.3482

■ 16.4695, 0.3373,
0.3339

■ 7.3482, 0.4921,
0.3503


■ 19.2031, 0.3195,
0.3305

■ 6.3393, 0.5342,
0.3507


■ 22.2671, 0.3048,
0.3272

■ 5.5655, 0.5741,
0.3488

■ 25.6723, 0.2927,
0.3243

 5.0069, 0.6068,
0.3448

 29.4287, 0.2826,
0.3216

 4.7751, 0.6232,
0.3434

 33.5459, 0.2742,
0.3192

 38.0332, 0.2671,
0.3170

 42.8997, 0.2611,
0.3150

Harmonies

Analogous

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



11.9486, 0.3619, 0.3107



11.9486, 0.3849, 0.3414



11.9486, 0.3869, 0.3711

Triad

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



11.9486, 0.3849, 0.3414



11.9486, 0.2969, 0.3795



11.9486, 0.2581, 0.2681

Complementary

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



11.9486, 0.3849, 0.3414



16.4709, 0.2644, 0.3161

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.



11.9486, 0.2433, 0.2816



11.9486, 0.3849, 0.3414



11.9486, 0.2646, 0.3462

Square

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



11.9486, 0.3849, 0.3414



11.9486, 0.3348, 0.3966



11.9486, 0.2455, 0.3095



11.9486, 0.2875, 0.2698

Rectangle

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



11.9486, 0.3849, 0.3414



11.9486, 0.3764, 0.3867



11.9486, 0.2455, 0.3095



11.9486, 0.2514, 0.2708

Sweetspot

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



11.9492, 0.3849, 0.3414



31.4548, 0.3295, 0.3325



11.7339, 0.3252, 0.2574



7.0293, 0.3316, 0.3329



63.8283, 0.3127, 0.3290



8.3535, 0.3127, 0.3290

Same Dimension

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



11.9492, 0.3849, 0.3414



18.8873, 0.4079, 0.3442



15.9582, 0.3713, 0.3829



4.4336, 0.3275, 0.3321



4.9761, 0.6234, 0.3432



0.0000, 0.0000, 0.0000

Inverse Universe

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



16.4709, 0.2644, 0.3161



28.2218, 0.2551, 0.3128



11.9673, 0.2585, 0.2683



4.7879, 0.2993, 0.3259



12.6367, 0.2127, 0.2856



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the Yxy color 11.9486, 0.3849, 0.3414 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 11.9486, 0.3849, 0.3414 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

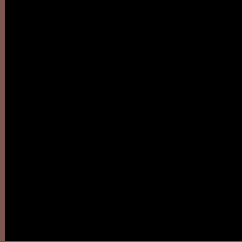
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.9486, 0.3849, 0.3414

Background



This preview shows how black text looks on a background with the Yxy color 11.9486, 0.3849, 0.3414.



This preview shows how white text looks on a background with the Yxy color 11.9486, 0.3849, 0.3414.

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

11.9486, 0.3849, 0.3414

Protanopia

12.0623, 0.3348, 0.3519

Deuteranopia

12.0442, 0.3613, 0.3576



Tritanopia

11.8815, 0.3689, 0.3151

Trichromacy



Original Color

11.9486, 0.3849, 0.3414

Protanomaly

11.9763, 0.3518, 0.3490

Deuteranomaly

12.0303, 0.3707, 0.3526

Tritanomaly

11.9733, 0.3752, 0.3252

Monochromacy



Original Color

11.9486, 0.3849, 0.3414

Achromatopsia

12.2139, 0.3127, 0.3290

Achromatomaly

11.9663, 0.3377, 0.3335

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.9486, 0.3849, 0.3414 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(125, 88, 82)` looks like.

```
.text, #text, p{  
    color:rgb(125, 88, 82)  
}
```

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(125, 88, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 88, 82) }
```

Border

The CSS property to change the border of an element to Yxy 11.9486, 0.3849, 0.3414 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(125, 88, 82) }
```

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

```
.border{ border-color:rgb(125, 88, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 88, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 88, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 88, 82);  
box-shadow:4px 4px 4px 4px rgb(125, 88,  
82) }
```


Background

The CSS property to change the background color of an element to Yxy 11.9486, 0.3849, 0.3414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 88, 82) }
```

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

```
.background{ background-color: rgb(125, 88,  
82) }
```

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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