

Converting Colors

$Y_{xy}(11.1705, 0.3884, 0.3956)$

Have a look what the booklet for
Yxy(11.1705, 0.3884, 0.3956)
contains.

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Color

Yxy(11.0812, 0.3882, 0.3941)

Conversions

Conversions Part 1

Format	Color
Hex	6D5B3E
RGB	109, 91, 62
RGB Percent	43%, 36%, 24%
CMY	0.5726, 0.6431, 0.7569
CMYK	0.00, 0.16, 0.43, 0.57
HSL	37°, 27%, 34%
HSV	37°, 43%, 43%
XYZ	10.9153, 11.0812, 6.1212
YIQ	93.0760, 20.0370, -5.2030

Conversions

Conversions Part 2

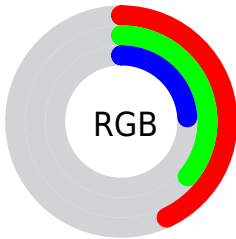
Format	Color
RYB	91, 109, 62
Decimal	7166782
CIELab	39.72, 2.88, 19.45
CIELCh	40, 19.659, 81.587
Yxy	11.0812, 0.3882, 0.3941
Android (android.graphics.Color)	4285356862 (0xFF6D5B3E)
YUV	93.0760, -15.3205, 13.9653
Hunter-Lab	33.2884, 0.2755, 12.3994

Details

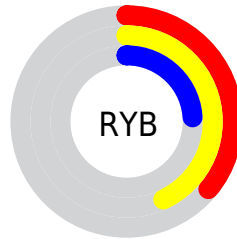
The Yxy color **11.0812, 0.3882, 0.3941** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **7.8607, 0.2452, 0.2532**, and the grayscale version is **10.9979, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.8569, 0.3692, 0.3775**, and **2.8844, 0.4279, 0.4228** is the 20% darker color. If you saturate the color by 10%, you get **10.2808, 0.4093, 0.4085**, and if you desaturate by 10%, it is **11.9463, 0.3682, 0.3788**.

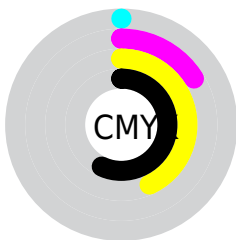
Distribution



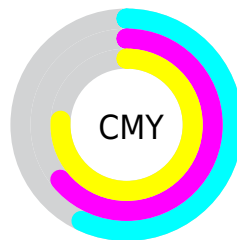
- Red (43%)
- Green (36%)
- Blue (24%)



- Red (36%)
- Yellow (43%)
- Blue (24%)



- Cyan (0%)
- Magenta (16%)
- Yellow (43%)
- Black (57%)



- Cyan (57%)
- Magenta (64%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.0812, 0.3882, 0.3941 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 11.0812, 0.3882, 0.3941 by changing the saturation by 10% instead.


 11.0812, 0.3882,
0.3941


 11.0812, 0.3882,
0.3941


 198.2238, 0.3419,
0.3548


 6.1215, 0.4038,
0.4068

 27.8102, 0.3687,
0.3778


 2.9191, 0.4269,
0.4249

 40.3483, 0.3622,
0.3723


 1.0896, 0.5065,
0.4935

 56.1813, 0.3571,
0.3679

 0.0000, 1.0000,
0.0000

 75.6936, 0.3529,
0.3643

 0.0000, 0.0000,
0.0000

 99.2696, 0.3494,
0.3613

 127.2937, 0.3465,

0.3588

160.1503, 0.3440,
0.3567

■ 11.0812, 0.3882,
0.3941

■ 11.0812, 0.3882,
0.3941

■ 10.2808, 0.4093,
0.4085

■ 11.9463, 0.3682,
0.3788

■ 9.5413, 0.4308,
0.4212

■ 12.8764, 0.3496,
0.3633

■ 8.8611, 0.4520,
0.4311

■ 13.8739, 0.3326,
0.3480

■ 8.2377, 0.4718,
0.4373

■ 14.9405, 0.3172,
0.3334

■ 7.6680, 0.4895,
0.4392

■ 16.0779, 0.3034,
0.3196

■ 7.2995, 0.5018,
0.4398

■ 17.2877, 0.2910,
0.3066

■ 18.5713, 0.2800,
0.2946

■ 19.9304, 0.2703,
0.2836

■ 21.3663, 0.2616,
0.2734

Harmonies

Analogous

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



11.0812, 0.4014, 0.3640



11.0812, 0.3882, 0.3941



11.0812, 0.3546, 0.4090

Triad

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



11.0812, 0.3882, 0.3941



11.0812, 0.2415, 0.3222



11.0812, 0.3092, 0.2699

Complementary

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



11.0812, 0.3882, 0.3941



7.8607, 0.2452, 0.2532

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.



11.0812, 0.2681, 0.2581



11.0812, 0.3882, 0.3941



11.0812, 0.2313, 0.2846

Square

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



11.0812, 0.3882, 0.3941



11.0812, 0.2701, 0.3661



11.0812, 0.2406, 0.2625



11.0812, 0.3541, 0.2950

Rectangle

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



11.0812, 0.3882, 0.3941



11.0812, 0.3261, 0.4056



11.0812, 0.2406, 0.2625



11.0812, 0.2945, 0.2643

Sweetspot

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



11.0817, 0.3882, 0.3941



24.8069, 0.3330, 0.3484



7.2747, 0.3753, 0.2882



5.6987, 0.3358, 0.3510



57.0482, 0.3127, 0.3290



6.3724, 0.3127, 0.3290

Same Dimension

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



11.0817, 0.3882, 0.3941



18.3707, 0.4100, 0.4090



14.1935, 0.3649, 0.4321



3.3986, 0.3260, 0.3418



8.4940, 0.5026, 0.4391



41.5646, 0.5087, 0.4343

Inverse Universe

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



7.8607, 0.2452, 0.2532



11.7649, 0.2283, 0.2308



5.7596, 0.2457, 0.2072



3.1973, 0.2997, 0.3158



3.1579, 0.1690, 0.1282



14.5201, 0.1662, 0.1182

Previews

White Background



This preview shows how the Yxy color 11.0812, 0.3882, 0.3941 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 11.0812, 0.3882, 0.3941 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

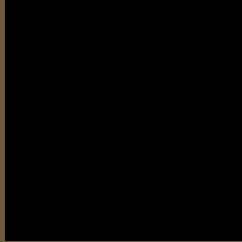
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.0812, 0.3882, 0.3941

Background



This preview shows how black text looks on a background with the Yxy color 11.0812, 0.3882, 0.3941.



This preview shows how white text looks on a background with the Yxy color 11.0812, 0.3882, 0.3941.

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

11.0812, 0.3882, 0.3941

Protanopia

11.1891, 0.3722, 0.4013

Deuteranopia

11.1049, 0.3943, 0.3907



Tritanopia

11.0693, 0.3434, 0.3139

Trichromacy



Original Color

11.0812, 0.3882, 0.3941

Protanomaly

11.1908, 0.3781, 0.3978

Deuteranomaly

11.0396, 0.3926, 0.3911

Tritanomaly

10.9682, 0.3612, 0.3425

Monochromacy



Original Color

11.0812, 0.3882, 0.3941

Achromatopsia

10.9462, 0.3127, 0.3290

Achromatomaly

10.9161, 0.3391, 0.3527

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.0812, 0.3882, 0.3941 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(109, 91, 62)` looks like.

```
.text, #text, p{  
    color:rgb(109, 91, 62)  
}
```

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(109, 91, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 91, 62) }
```

Border

The CSS property to change the border of an element to Yxy 11.0812, 0.3882, 0.3941 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(109, 91, 62) }
```

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

```
.border{ border-color:rgb(109, 91, 62) }
```

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

Here you see how a box with a 4 pixel rgb(109, 91, 62) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 91, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 91, 62);  
box-shadow:4px 4px 4px 4px rgb(109, 91,  
62) }
```


Background

The CSS property to change the background color of an element to Yxy 11.0812, 0.3882, 0.3941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 91, 62) }
```

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

```
.background{ background-color: rgb(109, 91,  
62) }
```

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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