

Converting Colors

$Yxy(24.6167, 0.3788, 0.4927)$

Have a look what the booklet for
Yxy(24.6167, 0.3788, 0.4927)
contains.

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Color

Yxy(24.7411, 0.3778, 0.4933)

Conversions

Conversions Part 1

Format	Color
Hex	7C912F
RGB	124, 145, 47
RGB Percent	49%, 57%, 18%
CMY	0.5138, 0.4313, 0.8157
CMYK	0.15, 0.00, 0.68, 0.43
HSL	73°, 51%, 38%
HSV	73°, 68%, 57%
XYZ	18.9483, 24.7411, 6.4649
YIQ	127.5490, 18.9420, -34.9300

Conversions

Conversions Part 2

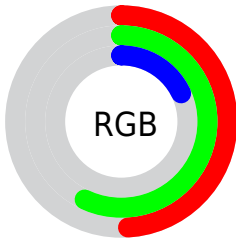
Format	Color
RYB	47, 145, 68
Decimal	8163631
CIELab	56.82, -21.80, 47.53
CIELCh	57, 52.293, 114.639
Yxy	24.7411, 0.3778, 0.4933
Android (android.graphics.Color)	4286353711 (0xFF7C912F)
YUV	127.5490, -39.7107, -3.1125
Hunter-Lab	49.7404, -19.0474, 27.1122

Details

The Yxy color **24.7411, 0.3778, 0.4933** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **5.3066, 0.2067, 0.1288**, and the grayscale version is **21.5562, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.3124, 0.3686, 0.4589**, and **9.5621, 0.3797, 0.5367** is the 20% darker color. If you saturate the color by 10%, you get **24.4159, 0.3818, 0.5105**, and if you desaturate by 10%, it is **25.1147, 0.3715, 0.4725**.

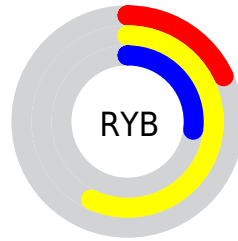
Distribution



Red (49%)

Green (57%)

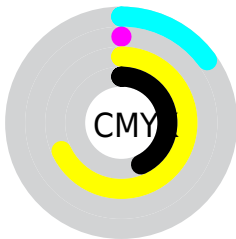
Blue (18%)



Red (18%)

Yellow (57%)

Blue (27%)

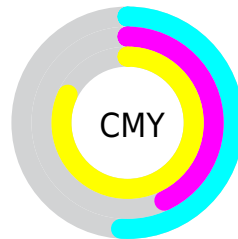


Cyan (15%)

Magenta (0%)

Yellow (68%)

Black (43%)



Cyan (51%)


Magenta (43%)


Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.7411, 0.3778, 0.4933 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 24.7411, 0.3778, 0.4933 by changing the saturation by 10% instead.


 24.7411, 0.3778,
0.4933


 24.7411, 0.3778,
0.4933


276.5461, 0.3474,
0.4018


 15.8843, 0.3826,
0.5178


 51.2369, 0.3682,
0.4584

 9.4423, 0.3858,
0.5489


 69.6447, 0.3641,
0.4457


 5.0308, 0.3946,
0.6054

 92.0049, 0.3604,
0.4351

 2.2653, 0.3652,
0.6348

 118.7019, 0.3572,
0.4263

 0.7553, 0.1973,
0.8027

 150.1201, 0.3543,
0.4188

 0.0000, 0.0000,
0.0000

 186.6440, 0.3517,

0.4123

228.6579, 0.3495,
0.4067

■ 24.7411, 0.3778,
0.4933

■ 24.7411, 0.3778,
0.4933

■ 24.4159, 0.3818,
0.5105

■ 25.1147, 0.3715,
0.4725

■ 24.1317, 0.3834,
0.5234

■ 25.5370, 0.3634,
0.4490

■ 23.8820, 0.3828,
0.5324

■ 26.0122, 0.3537,
0.4237

■ 23.8240, 0.3826,
0.5345

■ 26.5431, 0.3432,
0.3978

■ 27.1325, 0.3322,
0.3721

■ 27.7827, 0.3210,
0.3471

■ 28.4962, 0.3101,
0.3234

■ 29.2750, 0.2996,
0.3013

■ 30.1212, 0.2897,
0.2809

Harmonies

Analogous

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



24.7411, 0.4497, 0.4517



24.7411, 0.3778, 0.4933



24.7411, 0.2935, 0.4786

Triad

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



24.7411, 0.3778, 0.4933



24.7411, 0.1624, 0.2315



24.7411, 0.4041, 0.2683

Complementary

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



24.7411, 0.3778, 0.4933



5.3066, 0.2067, 0.1288

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.



24.7411, 0.3113, 0.2235



24.7411, 0.3778, 0.4933



24.7411, 0.1817, 0.2004

Square

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



24.7411, 0.3778, 0.4933



24.7411, 0.1738, 0.2993



24.7411, 0.2318, 0.1994



24.7411, 0.4733, 0.3262

Rectangle

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



24.7411, 0.3778, 0.4933



24.7411, 0.2413, 0.4294



24.7411, 0.2318, 0.1994



24.7411, 0.3737, 0.2515

Sweetspot

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



24.7422, 0.3778, 0.4933



48.2751, 0.3353, 0.3793



10.1920, 0.5013, 0.3605



10.6801, 0.3381, 0.3857



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



24.7422, 0.3778, 0.4933



43.4514, 0.3829, 0.5176



22.0115, 0.3260, 0.5256



6.2279, 0.3228, 0.3510



20.4434, 0.3828, 0.5343



0.2048, 0.4014, 0.5195

Inverse Universe

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



5.3066, 0.2067, 0.1288



6.1663, 0.1825, 0.0922



7.7628, 0.2730, 0.1596



5.3073, 0.3021, 0.3065



2.0147, 0.1629, 0.0671



0.0274, 0.2005, 0.0878

Previews

White Background



This preview shows how the Yxy color 24.7411, 0.3778, 0.4933 looks on a white 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

Black Background



This preview shows how the Yxy color 24.7411, 0.3778, 0.4933 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

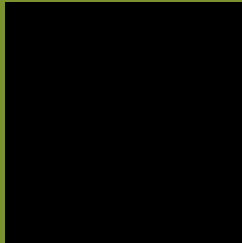
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.7411, 0.3778, 0.4933

Background



This preview shows how black text looks on a background with the Yxy color 24.7411, 0.3778, 0.4933.



This preview shows how white text looks on a background with the Yxy color 24.7411, 0.3778, 0.4933.

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

24.7411, 0.3778, 0.4933

Protanopia

24.4732, 0.4215, 0.4641

Deuteranopia

24.3835, 0.4445, 0.4365



Tritanopia

24.8345, 0.3015, 0.3122

Trichromacy



Original Color

24.7411, 0.3778, 0.4933

Protanomaly

24.4133, 0.4055, 0.4741

Deuteranomaly

24.3305, 0.4203, 0.4570

Tritanomaly

24.4163, 0.3337, 0.3806

Monochromacy



Original Color

24.7411, 0.3778, 0.4933

Achromatopsia

21.5861, 0.3127, 0.3290

Achromatomaly

22.4631, 0.3420, 0.3934

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.7411, 0.3778, 0.4933 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(124, 145, 47)` looks like.

```
.text, #text, p{  
    color:rgb(124, 145, 47)  
}
```

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(124, 145, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 145, 47) }
```

Border

The CSS property to change the border of an element to Yxy 24.7411, 0.3778, 0.4933 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(124, 145, 47) }
```

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

```
.border{ border-color:rgb(124, 145, 47) }
```

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

Here you see how a box with a 4 pixel rgb(124, 145, 47) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 145, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 145, 47);  
box-shadow:4px 4px 4px 4px rgb(124, 145,  
47) }
```


Background

The CSS property to change the background color of an element to Yxy 24.7411, 0.3778, 0.4933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 145, 47) }
```

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

```
.background{ background-color: rgb(124,  
145, 47) }
```

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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