

Converting Colors

$Y_{xy}(10.8176, 0.3235, 0.4122)$

Have a look what the booklet for
Yxy(10.8176, 0.3235, 0.4122)
contains.

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Color

Yxy(10.9067, 0.3232, 0.4130)

Conversions

Conversions Part 1

Format	Color
Hex	4D6343
RGB	77, 99, 67
RGB Percent	30%, 39%, 26%
CMY	0.6981, 0.6118, 0.7372
CMYK	0.22, 0.00, 0.32, 0.61
HSL	101°, 19%, 33%
HSV	101°, 32%, 39%
XYZ	8.5352, 10.9067, 6.9666
YIQ	88.7740, -2.8400, -14.6160

Conversions

Conversions Part 2

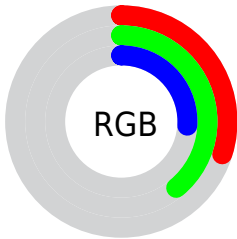
Format	Color
RYB	67, 99, 89
Decimal	5071683
CIELab	39.42, -14.99, 15.56
CIELCh	39, 21.607, 133.919
Yxy	10.9067, 0.3232, 0.4130
Android (android.graphics.Color)	4283261763 (0xFF4D6343)
YUV	88.7740, -10.7346, -10.3258
Hunter-Lab	33.0253, -11.6618, 10.6107

Details

The Yxy color **10.9067, 0.3232, 0.4130** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **7.0409, 0.2978, 0.2502**, and the grayscale version is **9.9621, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.5625, 0.3220, 0.3901**, and **2.8290, 0.3248, 0.4620** is the 20% darker color. If you saturate the color by 10%, you get **10.5297, 0.3256, 0.4428**, and if you desaturate by 10%, it is **11.3346, 0.3203, 0.3847**.

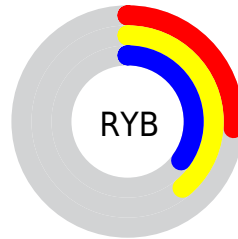
Distribution



 Red (30%)

 Green (39%)

 Blue (26%)




 Red (26%)

 Yellow (39%)

 Blue (35%)

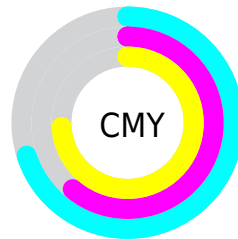



 Cyan (22%)


 Magenta (0%)

 Yellow (32%)

 Black (61%)



 Cyan (70%)

 Magenta (61%)

 Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 10.9067, 0.3232, 0.4130 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 10.9067, 0.3232, 0.4130 by changing the saturation by 10% instead.

■ 10.9067, 0.3232,
0.4130

■ 10.9067, 0.3232,
0.4130

■ 197.0263, 0.3177,
0.3594

■ 6.0041, 0.3242,
0.4332

■ 27.4875, 0.3213,
0.3894

■ 2.8476, 0.3246,
0.4656

■ 39.9345, 0.3205,
0.3820

■ 1.0527, 0.3625,
0.6099

■ 55.6652, 0.3199,
0.3762

■ 0.0000, 0.0000,
0.0000

■ 75.0638, 0.3193,
0.3715

■ 98.5149, 0.3188,
0.3677

■ 126.4027, 0.3184,

0.3645

159.1117, 0.3180,
0.3617

■ 10.9067, 0.3232,
0.4130

■ 10.9067, 0.3232,
0.4130

■ 10.5297, 0.3256,
0.4428

■ 11.3346, 0.3203,
0.3847

■ 10.2003, 0.3271,
0.4731

■ 11.8139, 0.3170,
0.3583

■ 9.9169, 0.3276,
0.5026


■ 12.3468, 0.3135,
0.3342


■ 9.6772, 0.3268,
0.5300


■ 12.9348, 0.3100,
0.3125


■ 9.4787, 0.3247,
0.5534


■ 13.5797, 0.3066,
0.2931

 9.3184, 0.3213,
0.5718

 14.2828, 0.3032,
0.2758

 9.2141, 0.3190,
0.5849

 15.0458, 0.3000,
0.2604

 15.8698, 0.2970,
0.2468

 16.7564, 0.2942,
0.2347

Harmonies

Analogous

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



10.9067, 0.3696, 0.4154



10.9067, 0.3232, 0.4130



10.9067, 0.2761, 0.3816

Triad

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



10.9067, 0.3232, 0.4130



10.9067, 0.2291, 0.2601



10.9067, 0.3891, 0.3181

Complementary

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



10.9067, 0.3232, 0.4130



7.0409, 0.2978, 0.2502

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.



10.9067, 0.3460, 0.2835



10.9067, 0.3232, 0.4130



10.9067, 0.2542, 0.2507

Square

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



10.9067, 0.3232, 0.4130



10.9067, 0.2243, 0.2888



10.9067, 0.2961, 0.2595



10.9067, 0.4100, 0.3570

Rectangle

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



10.9067, 0.3232, 0.4130



10.9067, 0.2506, 0.3502



10.9067, 0.2961, 0.2595



10.9067, 0.3766, 0.3057

Sweetspot

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



10.9072, 0.3232, 0.4130



20.4431, 0.3163, 0.3532



10.1816, 0.3645, 0.3818



4.8394, 0.3166, 0.3556



52.2522, 0.3127, 0.3290



5.0876, 0.3127, 0.3290

Same Dimension

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



10.9072, 0.3232, 0.4130



18.1975, 0.3251, 0.4361



10.5973, 0.3012, 0.4002



2.8903, 0.3158, 0.3497



11.9901, 0.3180, 0.5857



63.6317, 0.3142, 0.5887

Inverse Universe

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



7.0409, 0.2978, 0.2502



10.4058, 0.2931, 0.2301



7.4608, 0.3269, 0.2670



2.5921, 0.3094, 0.3086



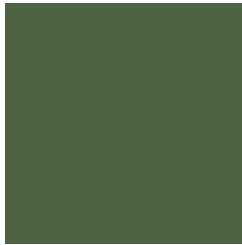
2.7598, 0.2466, 0.1132



14.2616, 0.2422, 0.1108

Previews

White Background



This preview shows how the Yxy color 10.9067, 0.3232, 0.4130 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 10.9067, 0.3232, 0.4130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

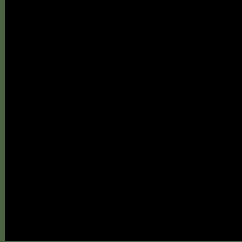
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 10.9067, 0.3232, 0.4130

Background



This preview shows how black text looks on a background with the Yxy color 10.9067, 0.3232, 0.4130.



This preview shows how white text looks on a background with the Yxy color 10.9067, 0.3232, 0.4130.

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

10.9067, 0.3232, 0.4130

Protanopia

10.9082, 0.3681, 0.3977

Deuteranopia

10.8256, 0.3787, 0.3743



Tritanopia

10.9827, 0.2857, 0.3120

Trichromacy



Original Color

10.9067, 0.3232, 0.4130

Protanomaly

10.8414, 0.3517, 0.4031

Deuteranomaly

10.7874, 0.3569, 0.3894

Tritanomaly

10.8363, 0.3000, 0.3466

Monochromacy



Original Color

10.9067, 0.3232, 0.4130

Achromatopsia

9.9899, 0.3127, 0.3290

Achromatomaly

10.3541, 0.3176, 0.3595

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.9067, 0.3232, 0.4130 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(77, 99, 67)` looks like.

```
.text, #text, p{  
    color:rgb(77, 99, 67)  
}
```

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(77, 99, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 99, 67) }
```

Border

The CSS property to change the border of an element to Yxy 10.9067, 0.3232, 0.4130 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(77, 99, 67) }
```

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

```
.border{ border-color:rgb(77, 99, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 99, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 99, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 99, 67);  
box-shadow:4px 4px 4px 4px rgb(77, 99, 67)  
}
```


Background

The CSS property to change the background color of an element to Yxy 10.9067, 0.3232, 0.4130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 99, 67) }
```

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

```
.background{ background-color: rgb(77, 99,  
67) }
```

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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