

Converting Colors

$Y_{xy}(10.9735, 0.3368, 0.4396)$

Have a look what the booklet for
Yxy(10.9735, 0.3368, 0.4396)
contains.

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Color

Yxy(11.0295, 0.3372, 0.4408)

Conversions

Conversions Part 1

Format	Color
Hex	4E6439
RGB	78, 100, 57
RGB Percent	31%, 39%, 22%
CMY	0.6941, 0.6078, 0.7765
CMYK	0.22, 0.00, 0.43, 0.61
HSL	91°, 27%, 31%
HSV	91°, 43%, 39%
XYZ	8.4373, 11.0295, 5.5548
YIQ	88.5200, 0.6910, -18.0370

Conversions

Conversions Part 2

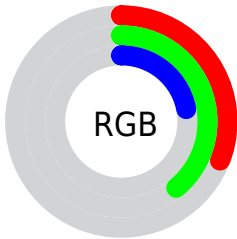
Format	Color
RYB	57, 100, 79
Decimal	5137465
CIELab	39.63, -16.74, 21.74
CIELCh	40, 27.437, 127.601
Yxy	11.0295, 0.3372, 0.4408
Android (android.graphics.Color)	4283327545 (0xFF4E6439)
YUV	88.5200, -15.5394, -9.2260
Hunter-Lab	33.2107, -12.7703, 13.3307

Details

The Yxy color **11.0295, 0.3372, 0.4408** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **5.5089, 0.2768, 0.2182**, and the grayscale version is **9.9134, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.7423, 0.3322, 0.4092**, and **2.8823, 0.3431, 0.5094** is the 20% darker color. If you saturate the color by 10%, you get **10.7320, 0.3412, 0.4688**, and if you desaturate by 10%, it is **11.3645, 0.3322, 0.4127**.

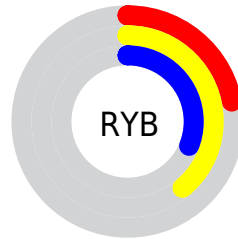
Distribution



 Red (31%)

 Green (39%)

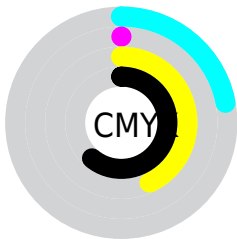
 Blue (22%)




 Red (22%)

 Yellow (39%)

 Blue (31%)

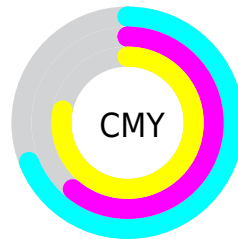



 Cyan (22%)


 Magenta (0%)

 Yellow (43%)

 Black (61%)



 Cyan (69%)

 Magenta (61%)

 Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 11.0295, 0.3372, 0.4408 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 11.0295, 0.3372, 0.4408 by changing the saturation by 10% instead.

11.0295, 0.3372,
0.4408

11.0295, 0.3372,
0.4408

197.8698, 0.3239,
0.3695

6.0867, 0.3400,
0.4672

27.7147, 0.3324,
0.4096

2.8979, 0.3422,
0.5091

40.2259, 0.3305,
0.3997

1.0786, 0.3592,
0.6408

56.0286, 0.3289,
0.3919

0.0000, 0.0000,
0.0000

75.5074, 0.3276,
0.3856

99.0464, 0.3264,
0.3805

127.0303, 0.3255,

0.3762

159.8433, 0.3246,
0.3726

■ 11.0295, 0.3372,
0.4408

■ 11.0295, 0.3372,
0.4408

■ 10.7320, 0.3412,
0.4688

■ 11.3645, 0.3322,
0.4127

■ 10.4690, 0.3438,
0.4958

■ 11.7369, 0.3266,
0.3855

■ 10.2392, 0.3447,
0.5204

■ 12.1486, 0.3207,
0.3598

■ 10.0409, 0.3437,
0.5413

■ 12.6009, 0.3145,
0.3358

■ 9.8713, 0.3410,
0.5579

■ 13.0949, 0.3085,
0.3138

■ 9.7637, 0.3390,
0.5691

■ 13.6318, 0.3026,
0.2938

■ 14.2128, 0.2970,
0.2758

■ 14.8388, 0.2917,
0.2596

■ 15.5110, 0.2867,
0.2450

Harmonies

Analogous

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



11.0295, 0.3933, 0.4332



11.0295, 0.3372, 0.4408



11.0295, 0.2774, 0.4082

Triad

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



11.0295, 0.3372, 0.4408



11.0295, 0.2062, 0.2480



11.0295, 0.3998, 0.3047

Complementary

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



11.0295, 0.3372, 0.4408



5.5089, 0.2768, 0.2182

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.



11.0295, 0.3409, 0.2652



11.0295, 0.3372, 0.4408



11.0295, 0.2314, 0.2327

Square

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



11.0295, 0.3372, 0.4408



11.0295, 0.2054, 0.2874



11.0295, 0.2789, 0.2396



11.0295, 0.4333, 0.3514

Rectangle

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



11.0295, 0.3372, 0.4408



11.0295, 0.2436, 0.3689



11.0295, 0.2789, 0.2396



11.0295, 0.3819, 0.2904

Sweetspot

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



11.0300, 0.3372, 0.4408



21.2678, 0.3209, 0.3607



8.5252, 0.3920, 0.3817



5.2021, 0.3219, 0.3649



53.8236, 0.3127, 0.3290



5.4972, 0.3127, 0.3290

Same Dimension

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



11.0300, 0.3372, 0.4408



18.7877, 0.3413, 0.4703



10.2803, 0.3070, 0.4519



3.2020, 0.3182, 0.3498



13.0460, 0.3379, 0.5699



67.5241, 0.3339, 0.5731

Inverse Universe

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



5.5089, 0.2768, 0.2182



7.6478, 0.2651, 0.1893



6.5558, 0.3173, 0.2307



2.8261, 0.3069, 0.3082



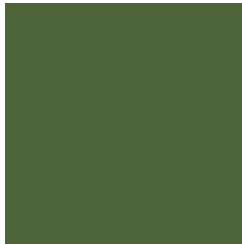
2.1535, 0.2087, 0.0923



10.7090, 0.2030, 0.0892

Previews

White Background



This preview shows how the Yxy color 11.0295, 0.3372, 0.4408 looks on a white background.

Color Contrast Check

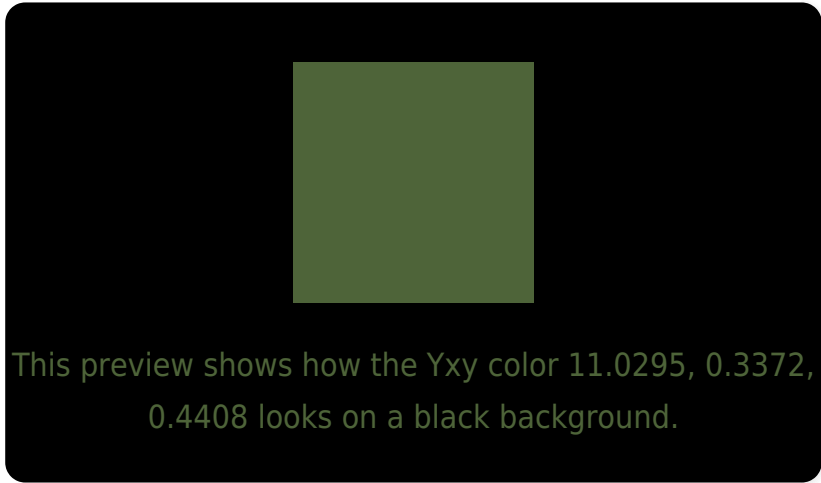
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

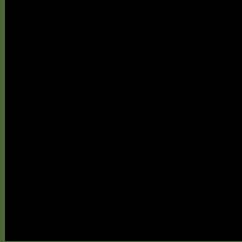
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.0295, 0.3372, 0.4408

Background



This preview shows how black text looks on a background with the Yxy color 11.0295, 0.3372, 0.4408.



This preview shows how white text looks on a background with the Yxy color 11.0295, 0.3372, 0.4408.

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

11.0295, 0.3372, 0.4408

Protanopia

10.9198, 0.3862, 0.4192

Deuteranopia

10.9157, 0.3984, 0.3929



Tritanopia

11.0750, 0.2885, 0.3121

Trichromacy



Original Color

11.0295, 0.3372, 0.4408

Protanomaly

10.9687, 0.3668, 0.4286

Deuteranomaly

10.8538, 0.3755, 0.4093

Tritanomaly

11.0151, 0.3055, 0.3567

Monochromacy



Original Color

11.0295, 0.3372, 0.4408

Achromatopsia

9.9899, 0.3127, 0.3290

Achromatomaly

10.2958, 0.3234, 0.3700

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.0295, 0.3372, 0.4408 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(78, 100, 57)` looks like.

```
.text, #text, p{  
    color:rgb(78, 100, 57)  
}
```

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(78, 100, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 100, 57) }
```

Border

The CSS property to change the border of an element to Yxy 11.0295, 0.3372, 0.4408 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(78, 100, 57) }
```

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

```
.border{ border-color:rgb(78, 100, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 100, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 100, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 100, 57);  
box-shadow:4px 4px 4px 4px rgb(78, 100,  
57) }
```


Background

The CSS property to change the background color of an element to Yxy 11.0295, 0.3372, 0.4408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 100, 57) }
```

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

```
.background{ background-color: rgb(78, 100,  
57) }
```

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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