

Converting Colors

$Y_{xy}(11.0211, 0.3080, 0.4290)$

Have a look what the booklet for
Yxy(11.0211, 0.3080, 0.4290)
contains.

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Color

Yxy(11.0082, 0.3080, 0.4299)

Conversions

Conversions Part 1

Format	Color
Hex	416641
RGB	65, 102, 65
RGB Percent	25%, 40%, 25%
CMY	0.7450, 0.6000, 0.7451
CMYK	0.36, 0.00, 0.36, 0.60
HSL	120°, 22%, 33%
HSV	120°, 36%, 40%
XYZ	7.8868, 11.0082, 6.7114
YIQ	86.7190, -10.1750, -19.3510

Conversions

Conversions Part 2

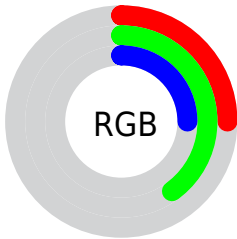
Format	Color
RYB	65, 102, 102
Decimal	4286017
CIELab	39.59, -21.55, 16.85
CIElCh	40, 27.352, 141.976
Yxy	11.0082, 0.3080, 0.4299
Android (android.graphics.Color)	4282476097 (0xFF416641)
YUV	86.7190, -10.7075, -19.0476
Hunter-Lab	33.1786, -15.6319, 11.2317

Details

The Yxy color **11.0082, 0.3080, 0.4299** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **7.5648, 0.3166, 0.2452**, and the grayscale version is **9.4938, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.5521, 0.3103, 0.4012**, and **2.9189, 0.2979, 0.4940** is the 20% darker color. If you saturate the color by 10%, you get **10.5837, 0.3064, 0.4632**, and if you desaturate by 10%, it is **11.5179, 0.3095, 0.3984**.

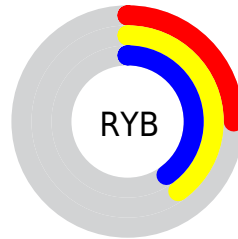
Distribution



Red (25%)

Green (40%)

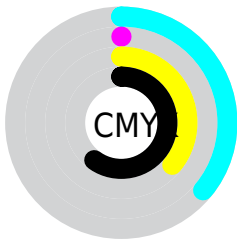
Blue (25%)



Red (25%)

Yellow (40%)

Blue (40%)

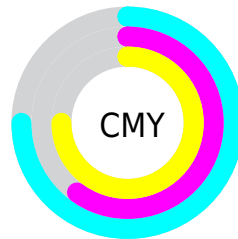


Cyan (36%)

Magenta (0%)

Yellow (36%)

Black (60%)



Cyan (75%)


Magenta (60%)


Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.0082, 0.3080, 0.4299 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 11.0082, 0.3080, 0.4299 by changing the saturation by 10% instead.


 11.0082, 0.3080,
0.4299


 11.0082, 0.3080,
0.4299


197.7238, 0.3124,
0.3650

 6.0724, 0.3051,
0.4548

 27.6753, 0.3105,
0.4011


 2.8891, 0.2989,
0.4952


 40.1754, 0.3111,
0.3921

 1.0741, 0.3104,
0.6896

 55.9657, 0.3115,
0.3851

 0.0000, 0.0000,
0.0000

 75.4305, 0.3118,
0.3794

 98.9544, 0.3120,
0.3748

 126.9216, 0.3122,

0.3710

159.7166, 0.3123,
0.3678

■ 11.0082, 0.3080,
0.4299

■ 11.0082, 0.3080,
0.4299

■ 10.5837, 0.3064,
0.4632

■ 11.5179, 0.3095,
0.3984

■ 10.2383, 0.3049,
0.4968

■ 12.1155, 0.3108,
0.3695

■ 9.9677, 0.3034,
0.5287


■ 12.8054, 0.3120,
0.3436


■ 9.7663, 0.3021,
0.5565


■ 13.5913, 0.3131,
0.3208


■ 9.6277, 0.3010,
0.5782


■ 14.4767, 0.3140,
0.3009


 9.5355, 0.3003,
0.5941

 15.4648, 0.3148,
0.2837

 9.5025, 0.3000,
0.6000

 16.5589, 0.3155,
0.2687

 17.7620, 0.3161,
0.2559

 19.0768, 0.3166,
0.2447

Harmonies

Analogous

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



11.0082, 0.3678, 0.4411



11.0082, 0.3080, 0.4299



11.0082, 0.2525, 0.3807

Triad

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



11.0082, 0.3080, 0.4299



11.0082, 0.2155, 0.2379



11.0082, 0.4199, 0.3267

Complementary

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



11.0082, 0.3080, 0.4299



7.5648, 0.3166, 0.2452

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.



11.0082, 0.3708, 0.2829



11.0082, 0.3080, 0.4299



11.0082, 0.2518, 0.2337

Square

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



11.0082, 0.3080, 0.4299



11.0082, 0.2029, 0.2657



11.0082, 0.3076, 0.2500



11.0082, 0.4360, 0.3742

Rectangle

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



11.0082, 0.3080, 0.4299



11.0082, 0.2251, 0.3378



11.0082, 0.3076, 0.2500



11.0082, 0.4065, 0.3113

Sweetspot

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



11.0087, 0.3080, 0.4299



21.8270, 0.3114, 0.3563



12.5880, 0.3640, 0.4119



5.1239, 0.3113, 0.3586



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.



11.0087, 0.3080, 0.4299



18.6305, 0.3066, 0.4598



11.2492, 0.2866, 0.3798



3.1427, 0.3117, 0.3502



12.2048, 0.3000, 0.6000



63.6538, 0.3000, 0.6000

Inverse Universe

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



7.5648, 0.3166, 0.2452



11.5666, 0.3175, 0.2256



7.2483, 0.3511, 0.2836



2.8890, 0.3137, 0.3087



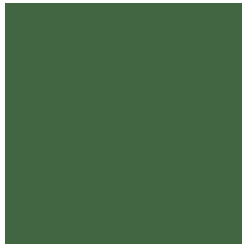
4.8572, 0.3208, 0.1541



25.3319, 0.3208, 0.1541

Previews

White Background



This preview shows how the Yxy color 11.0082, 0.3080, 0.4299 looks on a white background.

Color Contrast Check

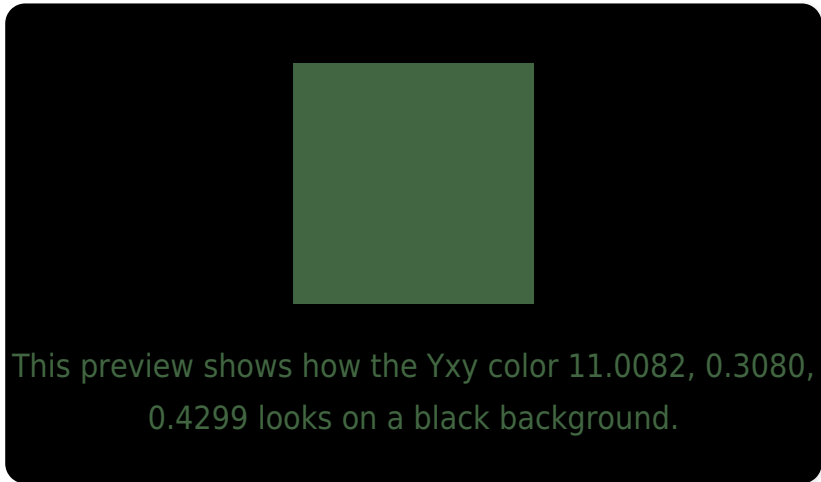
Large Text (above 18pt) WCAG AA ✓ Pass

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

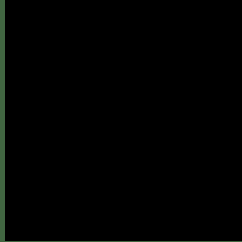
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.0082, 0.3080, 0.4299

Background



This preview shows how black text looks on a background with the Yxy color 11.0082, 0.3080, 0.4299.



This preview shows how white text looks on a background with the Yxy color 11.0082, 0.3080, 0.4299.

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

11.0082, 0.3080, 0.4299

Protanopia

10.9323, 0.3743, 0.4042

Deuteranopia

10.8771, 0.3821, 0.3762



Tritanopia

10.9858, 0.2693, 0.3091

Trichromacy



Original Color

11.0082, 0.3080, 0.4299

Protanomaly

10.7882, 0.3488, 0.4145

Deuteranomaly

10.7903, 0.3527, 0.3951

Tritanomaly

10.9640, 0.2838, 0.3523

Monochromacy



Original Color

11.0082, 0.3080, 0.4299

Achromatopsia

9.5307, 0.3127, 0.3290

Achromatomaly

9.8811, 0.3111, 0.3632

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.0082, 0.3080, 0.4299 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(65, 102, 65)` looks like.

```
.text, #text, p{  
    color:rgb(65, 102, 65)  
}
```

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(65, 102, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 102, 65) }
```

Border

The CSS property to change the border of an element to Yxy 11.0082, 0.3080, 0.4299 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(65, 102, 65) }
```

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

```
.border{ border-color:rgb(65, 102, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 102, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 102, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 102, 65);  
box-shadow:4px 4px 4px 4px rgb(65, 102,  
65) }
```


Background

The CSS property to change the background color of an element to Yxy 11.0082, 0.3080, 0.4299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 102, 65) }
```

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

```
.background{ background-color: rgb(65, 102,  
65) }
```

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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