

Converting Colors

$Y_{xy}(11.1808, 0.3288, 0.4336)$

Have a look what the booklet for
Yxy(11.1808, 0.3288, 0.4336)
contains.

Yxy(11.1808, 0.3288, 0.4336)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(11.1808, 0.3288, 0.4336)

Conversions

Conversions Part 1

Format	Color
Hex	4C653D
RGB	76, 101, 61
RGB Percent	30%, 40%, 24%
CMY	0.7018, 0.6039, 0.7608
CMYK	0.25, 0.00, 0.40, 0.60
HSL	97°, 25%, 32%
HSV	97°, 40%, 40%
XYZ	8.4784, 11.1808, 6.1267
YIQ	88.9650, -2.0600, -17.7400

Conversions

Conversions Part 2

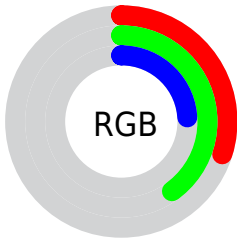
Format	Color
RYB	61, 101, 86
Decimal	5006653
CIELab	39.88, -17.47, 19.71
CIELCh	40, 26.339, 131.551
Yxy	11.1808, 0.3288, 0.4336
Android (android.graphics.Color)	4283196733 (0xFF4C653D)
YUV	88.9650, -13.7867, -11.3703
Hunter-Lab	33.4377, -13.2557, 12.5428

Details

The Yxy color **11.1808, 0.3288, 0.4336** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **6.2546, 0.2886, 0.2299**, and the grayscale version is **10.0149, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.9962, 0.3262, 0.4042**, and **2.9580, 0.3294, 0.4962** is the 20% darker color. If you saturate the color by 10%, you get **10.8367, 0.3315, 0.4632**, and if you desaturate by 10%, it is **11.5717, 0.3253, 0.4047**.

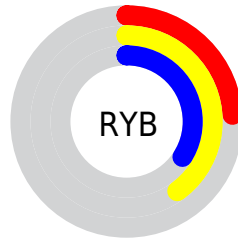
Distribution



Red (30%)

Green (40%)

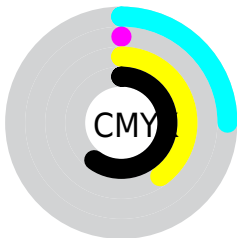
Blue (24%)



Red (24%)

Yellow (40%)

Blue (34%)

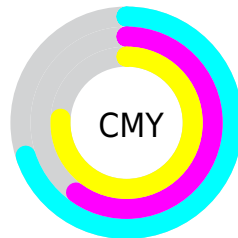


Cyan (25%)

Magenta (0%)

Yellow (40%)

Black (60%)



Cyan (70%)


Magenta (60%)


Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.1808, 0.3288, 0.4336 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 11.1808, 0.3288, 0.4336 by changing the saturation by 10% instead.


 11.1808, 0.3288,
0.4336


 11.1808, 0.3288,
0.4336


198.9038, 0.3204,
0.3669


 6.1886, 0.3302,
0.4585

 27.9940, 0.3259,
0.4043


 2.9601, 0.3304,
0.4980


 40.5838, 0.3248,
0.3950

 1.1109, 0.3558,
0.6442

 56.4749, 0.3238,
0.3878

 0.0000, 0.0000,
0.0000

 76.0517, 0.3229,
0.3819

 99.6986, 0.3222,
0.3771

 127.8000, 0.3215,

0.3731

160.7402, 0.3209,
0.3698

■ 11.1808, 0.3288,
0.4336

■ 11.1808, 0.3288,
0.4336

■ 10.8367, 0.3315,
0.4632

■ 11.5717, 0.3253,
0.4047

■ 10.5360, 0.3330,
0.4923

■ 12.0098, 0.3213,
0.3771

■ 10.2772, 0.3332,
0.5196


■ 12.4971, 0.3170,
0.3515


■ 10.0582, 0.3318,
0.5435


■ 13.0352, 0.3125,
0.3281

■ 9.8763, 0.3288,
0.5627

■ 13.6256, 0.3081,
0.3069

 9.7233, 0.3254,
0.5792

 14.2698, 0.3038,
0.2878

 9.7176, 0.3253,
0.5799

 14.9692, 0.2997,
0.2708

 15.7249, 0.2958,
0.2557

 16.5384, 0.2921,
0.2422

Harmonies

Analogous

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



11.1808, 0.3839, 0.4316



11.1808, 0.3288, 0.4336



11.1808, 0.2722, 0.3977

Triad

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



11.1808, 0.3288, 0.4336



11.1808, 0.2122, 0.2482



11.1808, 0.4019, 0.3116

Complementary

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



11.1808, 0.3288, 0.4336



6.2546, 0.2886, 0.2299

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.



11.1808, 0.3478, 0.2721



11.1808, 0.3288, 0.4336



11.1808, 0.2396, 0.2362

Square

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



11.1808, 0.3288, 0.4336



11.1808, 0.2084, 0.2832



11.1808, 0.2877, 0.2454



11.1808, 0.4297, 0.3570

Rectangle

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



11.1808, 0.3288, 0.4336



11.1808, 0.2412, 0.3591



11.1808, 0.2877, 0.2454



11.1808, 0.3859, 0.2974

Sweetspot

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



11.1813, 0.3288, 0.4336



21.2187, 0.3182, 0.3583



9.7058, 0.3803, 0.3882



5.2036, 0.3185, 0.3604



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.



11.1813, 0.3288, 0.4336



18.6197, 0.3314, 0.4624



10.6883, 0.3020, 0.4274



3.1880, 0.3167, 0.3499



12.7206, 0.3243, 0.5807



65.8786, 0.3203, 0.5839

Inverse Universe

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



6.2546, 0.2886, 0.2299



8.8029, 0.2806, 0.2043



6.9552, 0.3258, 0.2473



2.8403, 0.3084, 0.3083



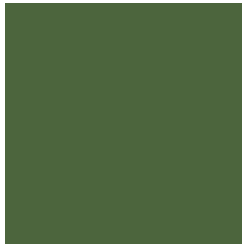
2.5957, 0.2321, 0.1052



13.0268, 0.2272, 0.1025

Previews

White Background



This preview shows how the Yxy color 11.1808, 0.3288, 0.4336 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 11.1808, 0.3288, 0.4336 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

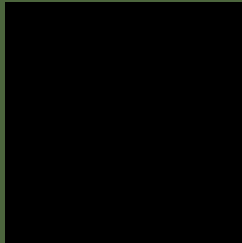
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.1808, 0.3288, 0.4336

Background



This preview shows how black text looks on a background with the Yxy color 11.1808, 0.3288, 0.4336.



This preview shows how white text looks on a background with the Yxy color 11.1808, 0.3288, 0.4336.

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

11.1808, 0.3288, 0.4336

Protanopia

11.1357, 0.3796, 0.4125

Deuteranopia

11.1272, 0.3912, 0.3864



Tritanopia

11.2042, 0.2833, 0.3097

Trichromacy



Original Color

11.1808, 0.3288, 0.4336

Protanomaly

11.1923, 0.3606, 0.4213

Deuteranomaly

11.0169, 0.3671, 0.4026

Tritanomaly

11.1454, 0.2999, 0.3542

Monochromacy



Original Color

11.1808, 0.3288, 0.4336

Achromatopsia

9.9899, 0.3127, 0.3290

Achromatomaly

10.2780, 0.3189, 0.3649

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.1808, 0.3288, 0.4336 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(76, 101, 61)` looks like.

```
.text, #text, p{  
    color:rgb(76, 101, 61)  
}
```

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(76, 101, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 101, 61) }
```

Border

The CSS property to change the border of an element to Yxy 11.1808, 0.3288, 0.4336 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(76, 101, 61) }
```

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

```
.border{ border-color:rgb(76, 101, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 101, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 101, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 101, 61);  
box-shadow:4px 4px 4px 4px rgb(76, 101,  
61) }
```


Background

The CSS property to change the background color of an element to Yxy 11.1808, 0.3288, 0.4336 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 101, 61) }
```

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

```
.background{ background-color: rgb(76, 101,  
61) }
```

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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