

Converting Colors

$Y_{xy}(11.0789, 0.3053, 0.4001)$

Have a look what the booklet for
Yxy(11.0789, 0.3053, 0.4001)
contains.

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Color

Yxy(11.1414, 0.3052, 0.4006)

Conversions

Conversions Part 1

Format	Color
Hex	47654A
RGB	71, 101, 74
RGB Percent	28%, 40%, 29%
CMY	0.7216, 0.6039, 0.7098
CMYK	0.30, 0.00, 0.27, 0.60
HSL	126°, 17%, 34%
HSV	126°, 30%, 40%
XYZ	8.4882, 11.1414, 8.1822
YIQ	88.9520, -9.2130, -14.7570

Conversions

Conversions Part 2

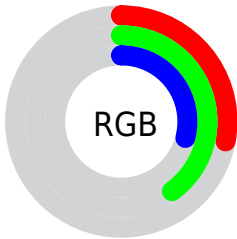
Format	Color
RYB	71, 98, 101
Decimal	4678986
CIELab	39.82, -17.10, 11.84
CIElCh	40, 20.799, 145.306
Yxy	11.1414, 0.3052, 0.4006
Android (android.graphics.Color)	4282869066 (0xFF47654A)
YUV	88.9520, -7.3713, -15.7439
Hunter-Lab	33.3787, -13.0205, 8.8312

Details

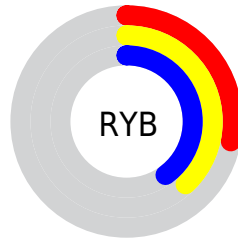
The Yxy color **11.1414, 0.3052, 0.4006** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **8.1548, 0.3212, 0.2666**, and the grayscale version is **9.9972, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.8796, 0.3074, 0.3800**, and **2.9517, 0.2988, 0.4455** is the 20% darker color. If you saturate the color by 10%, you get **10.6774, 0.3027, 0.4296**, and if you desaturate by 10%, it is **11.6875, 0.3078, 0.3739**.

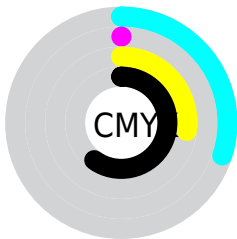
Distribution



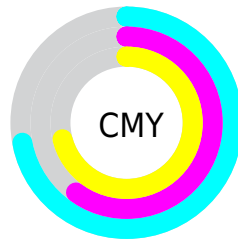
- Red (28%)
- Green (40%)
- Blue (29%)



- Red (28%)
- Yellow (38%)
- Blue (40%)



- Cyan (30%)
- Magenta (0%)
- Yellow (27%)
- Black (60%)





- Cyan (72%)
- Magenta (60%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.1414, 0.3052, 0.4006 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 11.1414, 0.3052, 0.4006 by changing the saturation by 10% instead.


 11.1414, 0.3052,
0.4006


 11.1414, 0.3052,
0.4006


198.6351, 0.3106,
0.3550


 6.1620, 0.3026,
0.4178

 27.9213, 0.3078,
0.3805


 2.9439, 0.2979,
0.4458

 40.4907, 0.3086,
0.3742

 1.1025, 0.2968,
0.5316

 56.3588, 0.3091,
0.3692

 0.0000, 0.0000,
0.0000

 75.9102, 0.3096,
0.3653

 99.5290, 0.3099,
0.3620

127.5999, 0.3102,

0.3593

160.5071, 0.3104,
0.3570

■ 11.1414, 0.3052,
0.4006

■ 11.1414, 0.3052,
0.4006

■ 10.6774, 0.3027,
0.4296

■ 11.6875, 0.3078,
0.3739

■ 10.2903, 0.3005,
0.4602

■ 12.3180, 0.3103,
0.3498

■ 9.9763, 0.2986,
0.4912

■ 13.0367, 0.3128,
0.3284

■ 9.7307, 0.2973,
0.5211

■ 13.8469, 0.3151,
0.3096

■ 9.5485, 0.2967,
0.5481

■ 14.7516, 0.3173,
0.2932

■ 9.4237, 0.2968,
0.5702

■ 15.7538, 0.3193,
0.2789

■ 9.3326, 0.2965,
0.5870

■ 16.8561, 0.3212,
0.2665

■ 9.3301, 0.2965,
0.5874

■ 18.0615, 0.3229,
0.2557

■ 19.3722, 0.3245,
0.2463

Harmonies

Analogous

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



11.1414, 0.3514, 0.4139



11.1414, 0.3052, 0.4006



11.1414, 0.2631, 0.3627

Triad

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



11.1414, 0.3052, 0.4006



11.1414, 0.2395, 0.2574



11.1414, 0.3964, 0.3327

Complementary

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



11.1414, 0.3052, 0.4006



8.1548, 0.3212, 0.2666

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.



11.1414, 0.3619, 0.2971



11.1414, 0.3052, 0.4006



11.1414, 0.2704, 0.2551

Square

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



11.1414, 0.3052, 0.4006



11.1414, 0.2272, 0.2781



11.1414, 0.3148, 0.2695



11.1414, 0.4061, 0.3699

Rectangle

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



11.1414, 0.3052, 0.4006



11.1414, 0.2425, 0.3313



11.1414, 0.3148, 0.2695



11.1414, 0.3872, 0.3204

Sweetspot

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



11.1419, 0.3052, 0.4006



21.1988, 0.3104, 0.3488



12.3596, 0.3497, 0.3992



5.1851, 0.3102, 0.3512



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.



11.1419, 0.3052, 0.4006



18.5315, 0.3034, 0.4216



11.3687, 0.2866, 0.3599



3.1467, 0.3105, 0.3481



12.2299, 0.2970, 0.5890



63.7203, 0.2984, 0.5944

Inverse Universe

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



8.1548, 0.3212, 0.2666



12.4617, 0.3236, 0.2513



7.8975, 0.3491, 0.3003



2.8845, 0.3150, 0.3107



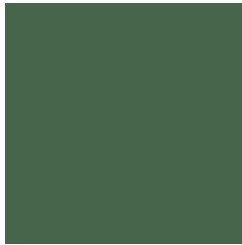
4.6122, 0.3467, 0.1683



23.9822, 0.3484, 0.1693

Previews

White Background



This preview shows how the Yxy color 11.1414, 0.3052, 0.4006 looks on a white background.

Color Contrast Check

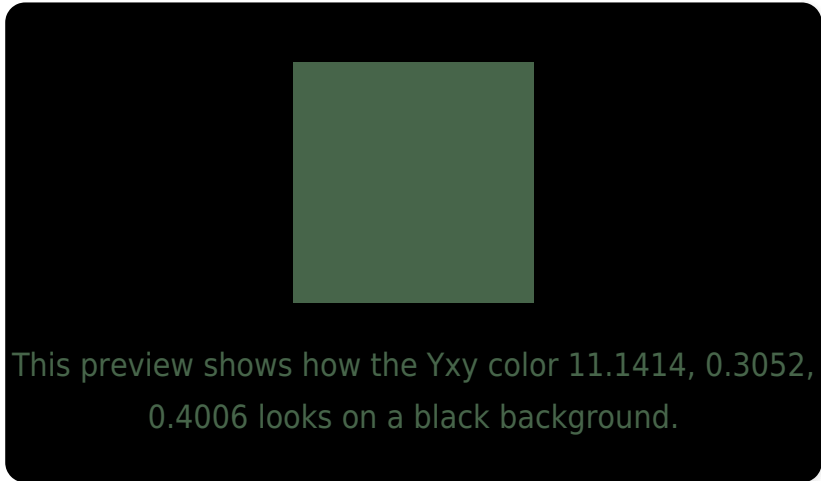
Large Text (above 18pt) WCAG AA ✓ Pass

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

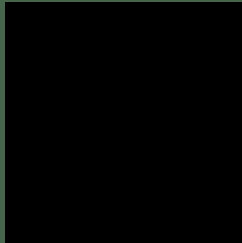
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.1414, 0.3052, 0.4006

Background



This preview shows how black text looks on a background with the Yxy color 11.1414, 0.3052, 0.4006.



This preview shows how white text looks on a background with the Yxy color 11.1414, 0.3052, 0.4006.

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

11.1414, 0.3052, 0.4006

Protanopia

10.9930, 0.3574, 0.3812

Deuteranopia

11.0223, 0.3649, 0.3609



Tritanopia

11.1471, 0.2744, 0.3094

Trichromacy



Original Color

11.1414, 0.3052, 0.4006

Protanomaly

10.9575, 0.3362, 0.3889

Deuteranomaly

10.9463, 0.3424, 0.3751

Tritanomaly

11.0394, 0.2853, 0.3390

Monochromacy



Original Color

11.1414, 0.3052, 0.4006

Achromatopsia

9.9899, 0.3127, 0.3290

Achromatomaly

10.2626, 0.3085, 0.3520

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.1414, 0.3052, 0.4006 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(71, 101, 74)` looks like.

```
.text, #text, p{  
    color:rgb(71, 101, 74)  
}
```

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(71, 101, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 101, 74) }
```

Border

The CSS property to change the border of an element to Yxy 11.1414, 0.3052, 0.4006 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(71, 101, 74) }
```

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

```
.border{ border-color:rgb(71, 101, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 101, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 101, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 101, 74);  
box-shadow:4px 4px 4px 4px rgb(71, 101,  
74) }
```


Background

The CSS property to change the background color of an element to Yxy 11.1414, 0.3052, 0.4006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 101, 74) }
```

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

```
.background{ background-color: rgb(71, 101,  
74) }
```

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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