

Converting Colors

$Y_{xy}(11.3426, 0.3066, 0.4047)$

Have a look what the booklet for
Yxy(11.3426, 0.3066, 0.4047)
contains.

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Color

Yxy(11.3234, 0.3064, 0.4057)

Conversions

Conversions Part 1

Format	Color
Hex	476649
RGB	71, 102, 73
RGB Percent	28%, 40%, 29%
CMY	0.7216, 0.6000, 0.7138
CMYK	0.30, 0.00, 0.28, 0.60
HSL	124°, 18%, 34%
HSV	124°, 30%, 40%
XYZ	8.5519, 11.3234, 8.0355
YIQ	89.4250, -9.1670, -15.5910

Conversions

Conversions Part 2

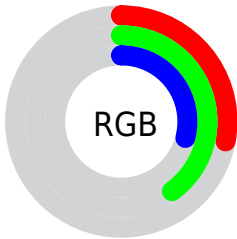
Format	Color
R_{YB}	71, 100, 102
Decimal	4679241
CIE _{Lab}	40.12, -17.85, 12.87
CIE _{LCh}	40, 22.002, 144.208
Yxy	11.3234, 0.3064, 0.4057
Android (android.graphics.Color)	4282869321 (0xFF476649)
YUV	89.4250, -8.0975, -16.1587
Hunter-Lab	33.6503, -13.5241, 9.3970

Details

The Yxy color **11.3234, 0.3064, 0.4057** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **8.2514, 0.3195, 0.2627**, and the grayscale version is **10.1089, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.1807, 0.3082, 0.3835**, and **3.0278, 0.2987, 0.4547** is the 20% darker color. If you saturate the color by 10%, you get **10.8530, 0.3043, 0.4361**, and if you desaturate by 10%, it is **11.8789, 0.3085, 0.3777**.

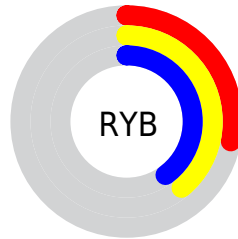
Distribution



Red (28%)

Green (40%)

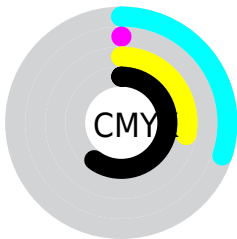
Blue (29%)



Red (28%)

Yellow (39%)

Blue (40%)

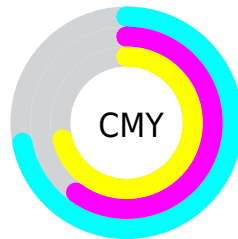


Cyan (30%)

Magenta (0%)

Yellow (28%)

Black (60%)



Cyan (72%)

Magenta (60%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 11.3234, 0.3064, 0.4057 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 11.3234, 0.3064, 0.4057 by changing the saturation by 10% instead.

■ 11.3234, 0.3064,
0.4057

■ 11.3234, 0.3064,
0.4057

■ 199.8730, 0.3112,
0.3568

■ 6.2848, 0.3040,
0.4241

■ 28.2567, 0.3088,
0.3842

■ 3.0190, 0.2994,
0.4538

■ 40.9201, 0.3094,
0.3774

■ 1.1417, 0.3009,
0.5460

■ 56.8939, 0.3099,
0.3721

■ 0.0133, 0.0000,
1.0000

■ 76.5626, 0.3103,
0.3679

■ 0.0000, 0.0000,
0.0000

■ 100.3104, 0.3106,
0.3644

128.5218, 0.3108,

0.3614

161.5812, 0.3110,
0.3590

■ 11.3234, 0.3064,
0.4057

■ 11.3234, 0.3064,
0.4057

■ 10.8530, 0.3043,
0.4361

■ 11.8789, 0.3085,
0.3777

■ 10.4623, 0.3023,
0.4679

■ 12.5220, 0.3106,
0.3523

■ 10.1471, 0.3006,
0.4997


■ 13.2568, 0.3126,
0.3298


■ 9.9027, 0.2993,
0.5299


■ 14.0865, 0.3145,
0.3101


■ 9.7235, 0.2986,
0.5563


■ 15.0145, 0.3162,
0.2929


 9.6033, 0.2984,
0.5771

 16.0439, 0.3178,
0.2779

 9.5179, 0.2978,
0.5920

 17.1775, 0.3192,
0.2649

 18.4182, 0.3205,
0.2537

 19.7688, 0.3217,
0.2440

Harmonies

Analogous

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



11.3234, 0.3548, 0.4184



11.3234, 0.3064, 0.4057



11.3234, 0.2619, 0.3662

Triad

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



11.3234, 0.3064, 0.4057



11.3234, 0.2351, 0.2543



11.3234, 0.3999, 0.3312

Complementary

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



11.3234, 0.3064, 0.4057



8.2514, 0.3195, 0.2627

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.



11.3234, 0.3627, 0.2943



11.3234, 0.3064, 0.4057



11.3234, 0.2667, 0.2514

Square

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



11.3234, 0.3064, 0.4057



11.3234, 0.2231, 0.2765



11.3234, 0.3129, 0.2659



11.3234, 0.4111, 0.3702

Rectangle

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



11.3234, 0.3064, 0.4057



11.3234, 0.2400, 0.3331



11.3234, 0.3129, 0.2659



11.3234, 0.3899, 0.3183

Sweetspot

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



11.3239, 0.3064, 0.4057



22.0977, 0.3109, 0.3496



12.6937, 0.3530, 0.4003



5.1823, 0.3107, 0.3522



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.



11.3239, 0.3064, 0.4057



19.2940, 0.3050, 0.4256



11.5485, 0.2879, 0.3648



3.1452, 0.3109, 0.3488



12.2207, 0.2980, 0.5930



63.6892, 0.2992, 0.5970

Inverse Universe

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



8.2514, 0.3195, 0.2627



13.0290, 0.3211, 0.2484



7.9861, 0.3472, 0.2959



2.8861, 0.3145, 0.3099



4.6977, 0.3370, 0.1630



24.4516, 0.3380, 0.1636

Previews

White Background



This preview shows how the Yxy color 11.3234, 0.3064, 0.4057 looks on a white background.

Color Contrast Check

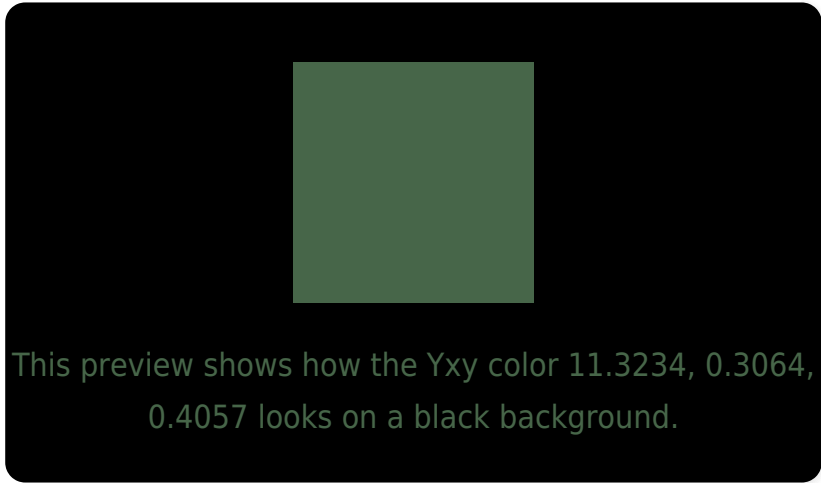
Large Text (above 18pt) WCAG AA ✓ Pass

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

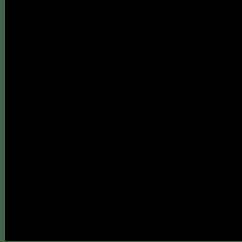
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.3234, 0.3064, 0.4057

Background



This preview shows how black text looks on a background with the Yxy color 11.3234, 0.3064, 0.4057.



This preview shows how white text looks on a background with the Yxy color 11.3234, 0.3064, 0.4057.

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

11.3234, 0.3064, 0.4057

Protanopia

11.2018, 0.3615, 0.3878

Deuteranopia

11.3052, 0.3693, 0.3649



Tritanopia

11.3538, 0.2734, 0.3095

Trichromacy



Original Color

11.3234, 0.3064, 0.4057

Protanomaly

11.1652, 0.3402, 0.3959

Deuteranomaly

11.1656, 0.3451, 0.3796

Tritanomaly

11.2277, 0.2855, 0.3415

Monochromacy



Original Color

11.3234, 0.3064, 0.4057

Achromatopsia

9.9899, 0.3127, 0.3290

Achromatomaly

10.4238, 0.3099, 0.3571

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.3234, 0.3064, 0.4057 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, 102, 73)` looks like.

```
.text, #text, p{  
    color:rgb(71, 102, 73)  
}
```

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, 102, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 102, 73) }
```

Border

The CSS property to change the border of an element to Yxy 11.3234, 0.3064, 0.4057 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, 102, 73) }
```

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

```
.border{ border-color:rgb(71, 102, 73) }
```

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

Here you see how a box with a 4 pixel rgb(71, 102, 73) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 102, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 102, 73);  
box-shadow:4px 4px 4px 4px rgb(71, 102,  
73) }
```


Background

The CSS property to change the background color of an element to Yxy 11.3234, 0.3064, 0.4057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 102, 73) }
```

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

```
.background{ background-color: rgb(71, 102,  
73) }
```

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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