

Converting Colors

$Y_{xy}(13.8644, 0.3365, 0.5627)$

Have a look what the booklet for
Yxy(13.8644, 0.3365, 0.5627)
contains.

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Color

Yxy(13.9064, 0.3367, 0.5621)

Conversions

Conversions Part 1

Format	Color
Hex	3B7609
RGB	59, 118, 9
RGB Percent	23%, 46%, 4%
CMY	0.7688, 0.5372, 0.9647
CMYK	0.50, 0.00, 0.92, 0.54
HSL	92°, 86%, 25%
HSV	92°, 92%, 46%
XYZ	8.3300, 13.9064, 2.5037
YIQ	87.9330, -0.1750, -46.4070

Conversions

Conversions Part 2

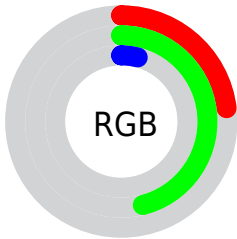
Format	Color
RYB	9, 118, 68
Decimal	3896841
CIELab	44.10, -36.95, 46.75
CIELCh	44, 59.585, 128.325
Yxy	13.9064, 0.3367, 0.5621
Android (android.graphics.Color)	4282086921 (0xFF3B7609)
YUV	87.9330, -38.9140, -25.3742
Hunter-Lab	37.2913, -25.3871, 22.1232

Details

The Yxy color **13.9064, 0.3367, 0.5621** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **2.7345, 0.2226, 0.1058**, and the grayscale version is **9.8290, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.0299, 0.3401, 0.5025**, and **4.2562, 0.3000, 0.6000** is the 20% darker color. If you saturate the color by 10%, you get **13.7451, 0.3338, 0.5732**, and if you desaturate by 10%, it is **14.1480, 0.3400, 0.5456**.

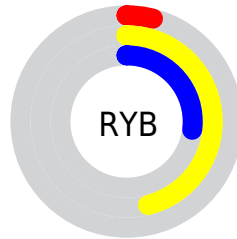
Distribution



Red (23%)

Green (46%)

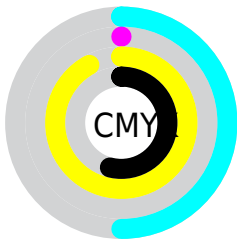
Blue (4%)



Red (4%)

Yellow (46%)

Blue (27%)

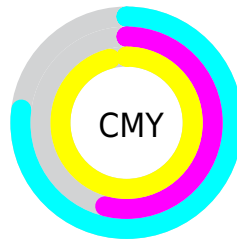


Cyan (50%)

Magenta (0%)

Yellow (92%)

Black (54%)



Cyan (77%)


Magenta (54%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 13.9064, 0.3367, 0.5621 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 13.9064, 0.3367, 0.5621 by changing the saturation by 10% instead.


 13.9064, 0.3367,
0.5621

 13.9064, 0.3367,
0.5621


216.6478, 0.3326,
0.4174


 8.0556, 0.3289,
0.6076


 32.9229, 0.3398,
0.5020


 4.1305, 0.3160,
0.6840

 46.8573, 0.3392,
0.4817


 1.7469, 0.2497,
0.7503

 64.2551, 0.3382,
0.4654

 0.4537, 0.0000,
1.0000


 85.5006, 0.3370,
0.4522


 0.0000, 0.0000,
0.0000


 110.9782, 0.3358,
0.4412

 141.0723, 0.3347,


0.4320


 176.1674, 0.3336,
0.4242


 13.9064, 0.3367,
0.5621


 13.9064, 0.3367,
0.5621


 13.7451, 0.3338,
0.5732

 14.1480, 0.3400,
0.5456

 14.4343, 0.3414,
0.5242

 14.7692, 0.3410,
0.4988

 15.1557, 0.3388,
0.4710

 15.5964, 0.3353,
0.4420

■ 16.0938, 0.3307,
0.4131

■ 16.6502, 0.3255,
0.3852

■ 17.2677, 0.3198,
0.3588

■ 17.9482, 0.3141,
0.3345

Harmonies

Analogous

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



13.9064, 0.4413, 0.5139



13.9064, 0.3367, 0.5621



13.9064, 0.2317, 0.5015

Triad

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



13.9064, 0.3367, 0.5621



13.9064, 0.1286, 0.1766



13.9064, 0.4888, 0.2780

Complementary

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



13.9064, 0.3367, 0.5621



2.7345, 0.2226, 0.1058

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.



13.9064, 0.3663, 0.2155



13.9064, 0.3367, 0.5621



13.9064, 0.1677, 0.1599

Square

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



13.9064, 0.3367, 0.5621



13.9064, 0.1233, 0.2358



13.9064, 0.2468, 0.1741



13.9064, 0.5479, 0.3505

Rectangle

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



13.9064, 0.3367, 0.5621



13.9064, 0.1758, 0.4050



13.9064, 0.2468, 0.1741



13.9064, 0.4519, 0.2556

Sweetspot

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



13.9070, 0.3367, 0.5621



28.6414, 0.3289, 0.4027



7.9029, 0.5094, 0.4221



6.5101, 0.3306, 0.4125



60.3827, 0.3127, 0.3290



7.3239, 0.3127, 0.3290

Same Dimension

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



13.9070, 0.3367, 0.5621



24.0893, 0.3321, 0.5745



13.0447, 0.2995, 0.5865



4.1728, 0.3179, 0.3505



14.8612, 0.3335, 0.5734



71.9228, 0.3298, 0.5763

Inverse Universe

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



2.7345, 0.2226, 0.1058



4.1332, 0.2121, 0.0942



5.2710, 0.3282, 0.1627



3.6784, 0.3071, 0.3076



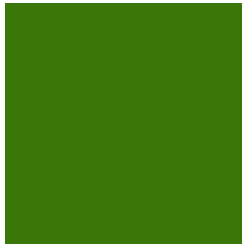
2.5837, 0.2140, 0.0953



12.0767, 0.2089, 0.0925

Previews

White Background



This preview shows how the Yxy color 13.9064, 0.3367, 0.5621 looks on a white background.

Color Contrast Check

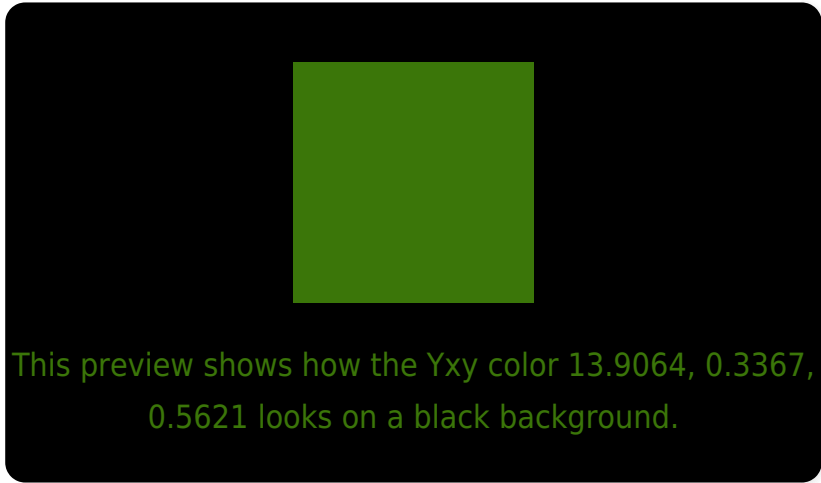
Large Text (above 18pt) WCAG AA ✓ Pass

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 13.9064, 0.3367, 0.5621

Background



This preview shows how black text looks on a background with the Yxy color 13.9064, 0.3367, 0.5621.



This preview shows how white text looks on a background with the Yxy color 13.9064, 0.3367, 0.5621.

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

13.9064, 0.3367, 0.5621

Protanopia

13.6825, 0.4394, 0.4893

Deuteranopia

13.8192, 0.4564, 0.4506



Tritanopia

13.9796, 0.2606, 0.3085

Trichromacy



Original Color

13.9064, 0.3367, 0.5621

Protanomaly

13.4306, 0.3984, 0.5191

Deuteranomaly

13.3583, 0.4100, 0.4936

Tritanomaly

13.6400, 0.2967, 0.4143

Monochromacy



Original Color

13.9064, 0.3367, 0.5621

Achromatopsia

9.7587, 0.3127, 0.3290

Achromatomaly

10.8172, 0.3336, 0.4341

CSS Examples

Text

The CSS property to change the color of the text to Yxy 13.9064, 0.3367, 0.5621 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(59, 118, 9)` looks like.

```
.text, #text, p{  
    color:rgb(59, 118, 9)  
}
```

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(59, 118, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 118, 9) }
```

Border

The CSS property to change the border of an element to Yxy 13.9064, 0.3367, 0.5621 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(59, 118, 9) }
```

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

```
.border{ border-color:rgb(59, 118, 9) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 118, 9)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 118, 9); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 118, 9);  
box-shadow:4px 4px 4px 4px rgb(59, 118, 9)  
}
```


Background

The CSS property to change the background color of an element to Yxy 13.9064, 0.3367, 0.5621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 118, 9) }
```

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

```
.background{ background-color: rgb(59, 118,  
9) }
```

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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