

Converting Colors

$Yxy(14.6206, 0.3052, 0.4662)$

Have a look what the booklet for
Yxy(14.6206, 0.3052, 0.4662)
contains.

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Color

Yxy(14.6206, 0.3052, 0.4662)

Conversions

Conversions Part 1

Format	Color
Hex	3F7740
RGB	63, 119, 64
RGB Percent	25%, 47%, 25%
CMY	0.7530, 0.5333, 0.7490
CMYK	0.47, 0.00, 0.46, 0.53
HSL	121°, 31%, 36%
HSV	121°, 47%, 47%
XYZ	9.5714, 14.6206, 7.1692
YIQ	95.9860, -15.7210, -28.9770

Conversions

Conversions Part 2

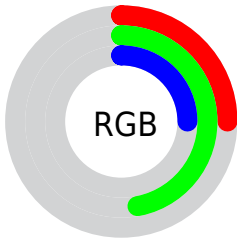
Format	Color
RYB	63, 118, 119
Decimal	4159296
CIELab	45.11, -30.78, 24.60
CIELCh	45, 39.407, 141.369
Yxy	14.6206, 0.3052, 0.4662
Android (android.graphics.Color)	4282349376 (0xFF3F7740)
YUV	95.9860, -15.7691, -28.9287
Hunter-Lab	38.2369, -22.2325, 15.6493

Details

The Yxy color **14.6206, 0.3052, 0.4662** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **8.7828, 0.3196, 0.2218**, and the grayscale version is **11.7350, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.2747, 0.3088, 0.4290**, and **4.4725, 0.2914, 0.5440** is the 20% darker color. If you saturate the color by 10%, you get **14.1516, 0.3035, 0.4999**, and if you desaturate by 10%, it is **15.2034, 0.3069, 0.4327**.

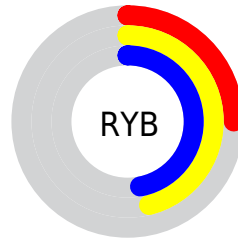
Distribution



Red (25%)

Green (47%)

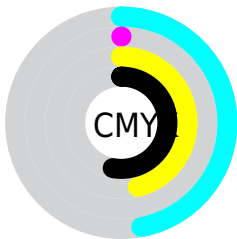
Blue (25%)



Red (25%)

Yellow (46%)

Blue (47%)

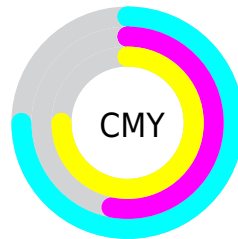


Cyan (47%)

Magenta (0%)

Yellow (46%)

Black (53%)



Cyan (75%)

Magenta (53%)


Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.6206, 0.3052, 0.4662 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 14.6206, 0.3052, 0.4662 by changing the saturation by 10% instead.


 14.6206, 0.3052,
0.4662


 14.6206, 0.3052,
0.4662


 221.0582, 0.3125,
0.3801


 8.5536, 0.3006,
0.4968


 34.1862, 0.3094,
0.4291


 4.4511, 0.2915,
0.5437


 48.4536, 0.3104,
0.4172


 1.9290, 0.2923,
0.6724

 66.2231, 0.3111,
0.4077

 0.5657, 0.0000,
1.0000

 87.8793, 0.3115,
0.4001

 0.0000, 0.0000,
0.0000

 113.8065, 0.3119,
0.3938

 144.3892, 0.3121,

0.3885

180.0116, 0.3123,
0.3840

■ 14.6206, 0.3052,
0.4662

■ 14.6206, 0.3052,
0.4662

■ 14.1516, 0.3035,
0.4999

■ 15.2034, 0.3069,
0.4327

■ 13.7873, 0.3021,
0.5316

■ 15.9048, 0.3086,
0.4009

■ 13.5202, 0.3009,
0.5590

■ 16.7316, 0.3102,
0.3718

■ 13.3409, 0.3002,
0.5801

■ 17.6893, 0.3117,
0.3456

■ 13.2295, 0.2997,
0.5942

■ 18.7834, 0.3131,
0.3226

■ 13.1996, 0.2995,
0.5981

■ 20.0189, 0.3143,
0.3025

■ 21.4006, 0.3154,
0.2851

■ 22.9331, 0.3163,
0.2701

■ 24.6207, 0.3172,
0.2571

Harmonies

Analogous

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



14.6206, 0.3817, 0.4751



14.6206, 0.3052, 0.4662



14.6206, 0.2349, 0.3994

Triad

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



14.6206, 0.3052, 0.4662



14.6206, 0.1895, 0.2134



14.6206, 0.4524, 0.3218

Complementary

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



14.6206, 0.3052, 0.4662



8.7828, 0.3196, 0.2218

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.



14.6206, 0.3864, 0.2688



14.6206, 0.3052, 0.4662



14.6206, 0.2330, 0.2091

Square

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



14.6206, 0.3052, 0.4662



14.6206, 0.1746, 0.2465



14.6206, 0.3032, 0.2290



14.6206, 0.4727, 0.3804

Rectangle

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



14.6206, 0.3052, 0.4662



14.6206, 0.2010, 0.3403



14.6206, 0.3032, 0.2290



14.6206, 0.4345, 0.3032

Sweetspot

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



14.6212, 0.3052, 0.4662



30.4019, 0.3107, 0.3643



17.4100, 0.3776, 0.4390



7.1357, 0.3104, 0.3692



62.0916, 0.3127, 0.3290



7.8288, 0.3127, 0.3290

Same Dimension

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



14.6212, 0.3052, 0.4662



25.3138, 0.3035, 0.5010



15.0224, 0.2779, 0.3948



4.0992, 0.3115, 0.3505



14.0224, 0.2995, 0.5981



68.3191, 0.2998, 0.5992

Inverse Universe

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



8.7828, 0.3196, 0.2218



13.5426, 0.3210, 0.2018



8.2145, 0.3729, 0.2727



3.7568, 0.3139, 0.3084



5.5267, 0.3254, 0.1566



26.9177, 0.3256, 0.1567

Previews

White Background



This preview shows how the Yxy color 14.6206, 0.3052, 0.4662 looks on a white background.

Color Contrast Check

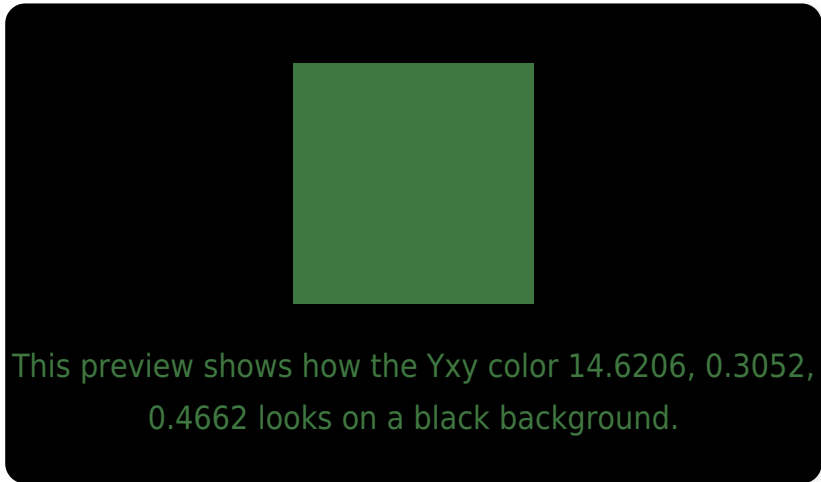
Large Text (above 18pt) WCAG AA ✓ Pass

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

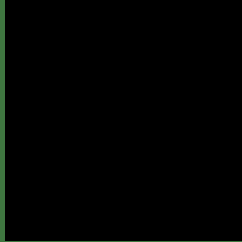
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.6206, 0.3052, 0.4662

Background



This preview shows how black text looks on a background with the Yxy color 14.6206, 0.3052, 0.4662.



This preview shows how white text looks on a background with the Yxy color 14.6206, 0.3052, 0.4662.

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

14.6206, 0.3052, 0.4662

Protanopia

14.4057, 0.3917, 0.4249

Deuteranopia

14.5093, 0.4004, 0.3953



Tritanopia

14.4893, 0.2583, 0.3066

Trichromacy



Original Color

14.6206, 0.3052, 0.4662

Protanomaly

14.2472, 0.3551, 0.4416

Deuteranomaly

14.0734, 0.3602, 0.4195

Tritanomaly

14.5406, 0.2759, 0.3621

Monochromacy



Original Color

14.6206, 0.3052, 0.4662

Achromatopsia

11.6971, 0.3127, 0.3290

Achromatomaly

12.4255, 0.3104, 0.3779

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.6206, 0.3052, 0.4662 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(63, 119, 64)` looks like.

```
.text, #text, p{  
    color:rgb(63, 119, 64)  
}
```

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(63, 119, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 119, 64) }
```

Border

The CSS property to change the border of an element to Yxy 14.6206, 0.3052, 0.4662 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(63, 119, 64) }
```

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

```
.border{ border-color:rgb(63, 119, 64) }
```

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

Here you see how a box with a 4 pixel rgb(63, 119, 64) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 119, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 119, 64);  
box-shadow:4px 4px 4px 4px rgb(63, 119,  
64) }
```


Background

The CSS property to change the background color of an element to Yxy 14.6206, 0.3052, 0.4662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 119, 64) }
```

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

```
.background{ background-color: rgb(63, 119,  
64) }
```

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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