

Converting Colors

$Y_{xy}(14.0298, 0.3034, 0.4648)$

Have a look what the booklet for
Yxy(14.0298, 0.3034, 0.4648)
contains.

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Color

Yxy(14.0736, 0.3042, 0.4661)

Conversions

Conversions Part 1

Format	Color
Hex	3D753F
RGB	61, 117, 63
RGB Percent	24%, 46%, 25%
CMY	0.7606, 0.5412, 0.7529
CMYK	0.48, 0.00, 0.46, 0.54
HSL	122°, 31%, 35%
HSV	122°, 48%, 46%
XYZ	9.1851, 14.0736, 6.9356
YIQ	94.1000, -16.0420, -28.6660

Conversions

Conversions Part 2

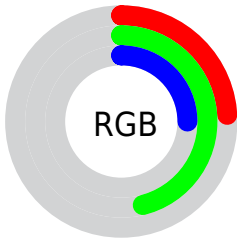
Format	Color
RYB	61, 115, 117
Decimal	4027711
CIELab	44.34, -30.63, 24.16
CIELCh	44, 39.010, 141.738
Yxy	14.0736, 0.3042, 0.4661
Android (android.graphics.Color)	4282217791 (0xFF3D753F)
YUV	94.1000, -15.3323, -29.0287
Hunter-Lab	37.5148, -21.9469, 15.2990

Details

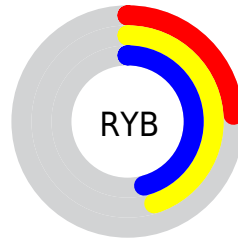
The Yxy color **14.0736, 0.3042, 0.4661** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **8.3626, 0.3213, 0.2220**, and the grayscale version is **11.2610, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.3640, 0.3080, 0.4286**, and **4.2102, 0.2902, 0.5456** is the 20% darker color. If you saturate the color by 10%, you get **13.6287, 0.3025, 0.4993**, and if you desaturate by 10%, it is **14.6266, 0.3060, 0.4331**.

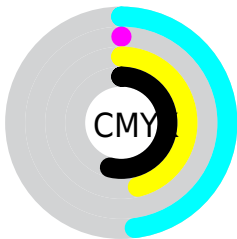
Distribution



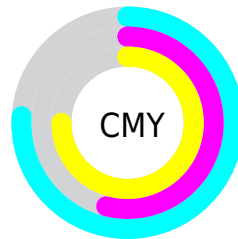
- Red (24%)
- Green (46%)
- Blue (25%)



- Red (24%)
- Yellow (45%)
- Blue (46%)



- Cyan (48%)
- Magenta (0%)
- Yellow (46%)
- Black (54%)




- Cyan (76%)
- Magenta (54%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.0736, 0.3042, 0.4661 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 14.0736, 0.3042, 0.4661 by changing the saturation by 10% instead.


 14.0736, 0.3042,
0.4661


 14.0736, 0.3042,
0.4661


217.6882, 0.3121,
0.3797


 8.1719, 0.2994,
0.4972


 33.2196, 0.3086,
0.4287


 4.2051, 0.2898,
0.5452

 47.2326, 0.3097,
0.4167

 1.7890, 0.2939,
0.6909

 64.7182, 0.3105,
0.4072

 0.4803, 0.0000,
1.0000

 86.0607, 0.3110,
0.3995

 0.0000, 0.0000,
0.0000

 111.6446, 0.3114,
0.3933

 141.8542, 0.3117,

0.3880

177.0739, 0.3119,
0.3835

■ 14.0736, 0.3042,
0.4661

■ 14.0736, 0.3042,
0.4661

■ 13.6287, 0.3025,
0.4993

■ 14.6266, 0.3060,
0.4331

■ 13.2832, 0.3011,
0.5306

■ 15.2923, 0.3079,
0.4018

■ 13.0300, 0.3001,
0.5579

■ 16.0771, 0.3097,
0.3730


■ 12.8602, 0.2996,
0.5790


■ 16.9863, 0.3115,
0.3471


■ 12.7525, 0.2991,
0.5934


■ 18.0251, 0.3131,
0.3243

 12.7307, 0.2989,
0.5962

 19.1982, 0.3145,
0.3044

 20.5102, 0.3158,
0.2871

 21.9655, 0.3170,
0.2721

 23.5682, 0.3180,
0.2592

Harmonies

Analogous

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



14.0736, 0.3809, 0.4757



14.0736, 0.3042, 0.4661



14.0736, 0.2339, 0.3986

Triad

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



14.0736, 0.3042, 0.4661



14.0736, 0.1896, 0.2129



14.0736, 0.4533, 0.3225

Complementary

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



14.0736, 0.3042, 0.4661



8.3626, 0.3213, 0.2220

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.



14.0736, 0.3876, 0.2692



14.0736, 0.3042, 0.4661



14.0736, 0.2335, 0.2089

Square

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



14.0736, 0.3042, 0.4661



14.0736, 0.1743, 0.2456



14.0736, 0.3041, 0.2291



14.0736, 0.4730, 0.3812

Rectangle

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



14.0736, 0.3042, 0.4661



14.0736, 0.2002, 0.3392



14.0736, 0.3041, 0.2291



14.0736, 0.4355, 0.3038

Sweetspot

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



14.0742, 0.3042, 0.4661



29.3292, 0.3103, 0.3637



16.7129, 0.3771, 0.4410



6.6808, 0.3100, 0.3683



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.



14.0742, 0.3042, 0.4661



24.3612, 0.3024, 0.5014



14.4686, 0.2766, 0.3935



4.1001, 0.3113, 0.3501



14.0269, 0.2990, 0.5964



68.3283, 0.2996, 0.5985

Inverse Universe

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



8.3626, 0.3213, 0.2220



12.8444, 0.3233, 0.2018



7.8146, 0.3761, 0.2738



3.7558, 0.3142, 0.3088



5.4775, 0.3295, 0.1589



26.6650, 0.3300, 0.1592

Previews

White Background



This preview shows how the Yxy color 14.0736, 0.3042, 0.4661 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 14.0736, 0.3042, 0.4661 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 14.0736, 0.3042, 0.4661

Background



This preview shows how black text looks on a background with the Yxy color 14.0736, 0.3042, 0.4661.



This preview shows how white text looks on a background with the Yxy color 14.0736, 0.3042, 0.4661.

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

14.0736, 0.3042, 0.4661

Protanopia

13.8510, 0.3917, 0.4244

Deuteranopia

13.9552, 0.4006, 0.3944



Tritanopia

14.1173, 0.2589, 0.3107

Trichromacy



Original Color

14.0736, 0.3042, 0.4661

Protanomaly

13.6964, 0.3545, 0.4413

Deuteranomaly

13.5262, 0.3597, 0.4188

Tritanomaly

13.9763, 0.2754, 0.3627

Monochromacy



Original Color

14.0736, 0.3042, 0.4661

Achromatopsia

11.1932, 0.3127, 0.3290

Achromatomaly

11.9211, 0.3091, 0.3763

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.0736, 0.3042, 0.4661 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(61, 117, 63)` looks like.

```
.text, #text, p{  
    color:rgb(61, 117, 63)  
}
```

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(61, 117, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 117, 63) }
```

Border

The CSS property to change the border of an element to Yxy 14.0736, 0.3042, 0.4661 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(61, 117, 63) }
```

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

```
.border{ border-color:rgb(61, 117, 63) }
```

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

Here you see how a box with a 4 pixel rgb(61, 117, 63) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 117, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 117, 63);  
box-shadow:4px 4px 4px 4px rgb(61, 117,  
63) }
```


Background

The CSS property to change the background color of an element to Yxy 14.0736, 0.3042, 0.4661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 117, 63) }
```

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

```
.background{ background-color: rgb(61, 117,  
63) }
```

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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