

Converting Colors

$Y_{xy}(14.5417, 0.3060, 0.4695)$

Have a look what the booklet for
Yxy(14.5417, 0.3060, 0.4695)
contains.

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Color

Yxy(14.5767, 0.3051, 0.4691)

Conversions

Conversions Part 1

Format	Color
Hex	3E773F
RGB	62, 119, 63
RGB Percent	24%, 47%, 25%
CMY	0.7569, 0.5333, 0.7529
CMYK	0.48, 0.00, 0.47, 0.53
HSL	121°, 31%, 35%
HSV	121°, 48%, 47%
XYZ	9.4806, 14.5767, 7.0165
YIQ	95.5730, -15.9960, -29.5000

Conversions

Conversions Part 2

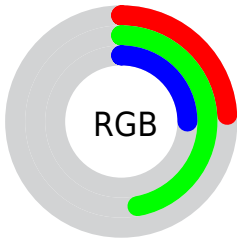
Format	Color
RYB	62, 118, 119
Decimal	4093759
CIELab	45.05, -31.26, 25.07
CIELCh	45, 40.072, 141.266
Yxy	14.5767, 0.3051, 0.4691
Android (android.graphics.Color)	4282283839 (0xFF3E773F)
YUV	95.5730, -16.0585, -29.4435
Hunter-Lab	38.1794, -22.4895, 15.8295

Details

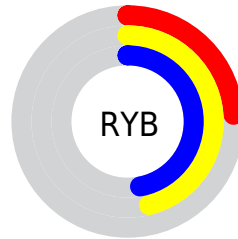
The Yxy color **14.5767, 0.3051, 0.4691** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **8.6754, 0.3196, 0.2200**, and the grayscale version is **11.6312, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.1856, 0.3088, 0.4310**, and **4.4563, 0.2907, 0.5484** is the 20% darker color. If you saturate the color by 10%, you get **14.1167, 0.3035, 0.5027**, and if you desaturate by 10%, it is **15.1500, 0.3068, 0.4355**.

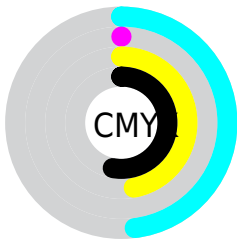
Distribution



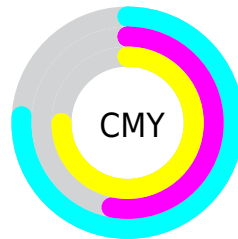
- Red (24%)
- Green (47%)
- Blue (25%)



- Red (24%)
- Yellow (46%)
- Blue (47%)



- Cyan (48%)
- Magenta (0%)
- Yellow (47%)
- Black (53%)




- Cyan (76%)
- Magenta (53%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 14.5767, 0.3051, 0.4691 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 14.5767, 0.3051, 0.4691 by changing the saturation by 10% instead.


 14.5767, 0.3051,
0.4691


 14.5767, 0.3051,
0.4691


220.7896, 0.3126,
0.3811


 8.5228, 0.3003,
0.5004


 34.1089, 0.3094,
0.4312


 4.4313, 0.2909,
0.5484

 48.3559, 0.3104,
0.4189

 1.9176, 0.2931,
0.6851

 66.1029, 0.3111,
0.4093

 0.5589, 0.0000,
1.0000

 87.7341, 0.3116,
0.4015

 0.0000, 0.0000,
0.0000

 113.6340, 0.3120,
0.3950

 144.1870, 0.3122,

0.3897

179.7774, 0.3124,
0.3851

■ 14.5767, 0.3051,
0.4691

■ 14.5767, 0.3051,
0.4691

■ 14.1167, 0.3035,
0.5027

■ 15.1500, 0.3068,
0.4355

■ 13.7608, 0.3020,
0.5342

■ 15.8413, 0.3085,
0.4035

■ 13.5014, 0.3009,
0.5612


■ 16.6576, 0.3101,
0.3741


■ 13.3290, 0.3002,
0.5816


■ 17.6044, 0.3116,
0.3477


■ 13.2204, 0.2996,
0.5954

■ 18.6873, 0.3130,
0.3244

 13.1989, 0.2995,
0.5981

 19.9111, 0.3142,
0.3040

 21.2809, 0.3153,
0.2864

 22.8010, 0.3162,
0.2712

 24.4761, 0.3171,
0.2581

Harmonies

Analogous

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



14.5767, 0.3828, 0.4776



14.5767, 0.3051, 0.4691



14.5767, 0.2337, 0.4011

Triad

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



14.5767, 0.3051, 0.4691



14.5767, 0.1875, 0.2117



14.5767, 0.4547, 0.3213

Complementary

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



14.5767, 0.3051, 0.4691



8.6754, 0.3196, 0.2200

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.



14.5767, 0.3874, 0.2676



14.5767, 0.3051, 0.4691



14.5767, 0.2315, 0.2073

Square

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



14.5767, 0.3051, 0.4691



14.5767, 0.1725, 0.2451



14.5767, 0.3026, 0.2274



14.5767, 0.4754, 0.3806

Rectangle

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



14.5767, 0.3051, 0.4691



14.5767, 0.1993, 0.3407



14.5767, 0.3026, 0.2274



14.5767, 0.4364, 0.3024

Sweetspot

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



14.5773, 0.3051, 0.4691



30.4015, 0.3107, 0.3644



17.3973, 0.3786, 0.4408



7.1355, 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.



14.5773, 0.3051, 0.4691



25.2383, 0.3034, 0.5045



14.9816, 0.2775, 0.3962



4.0992, 0.3115, 0.3505



14.0222, 0.2995, 0.5982



68.3187, 0.2998, 0.5992

Inverse Universe

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



8.6754, 0.3196, 0.2200



13.3568, 0.3211, 0.1999



8.0979, 0.3744, 0.2717



3.7569, 0.3139, 0.3084



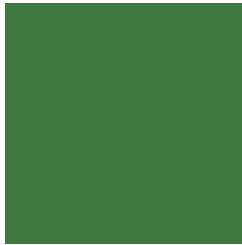
5.5290, 0.3252, 0.1565



26.9293, 0.3254, 0.1566

Previews

White Background



This preview shows how the Yxy color 14.5767, 0.3051, 0.4691 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 14.5767, 0.3051, 0.4691 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

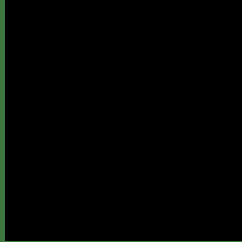
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.5767, 0.3051, 0.4691

Background



This preview shows how black text looks on a background with the Yxy color 14.5767, 0.3051, 0.4691.



This preview shows how white text looks on a background with the Yxy color 14.5767, 0.3051, 0.4691.

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

14.5767, 0.3051, 0.4691

Protanopia

14.3955, 0.3929, 0.4268

Deuteranopia

14.3018, 0.4027, 0.3954



Tritanopia

14.4247, 0.2583, 0.3087

Trichromacy



Original Color

14.5767, 0.3051, 0.4691

Protanomaly

14.2365, 0.3562, 0.4437

Deuteranomaly

14.0615, 0.3615, 0.4216

Tritanomaly

14.4837, 0.2759, 0.3647

Monochromacy



Original Color

14.5767, 0.3051, 0.4691

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 14.5767, 0.3051, 0.4691 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(62, 119, 63)` looks like.

```
.text, #text, p{  
    color:rgb(62, 119, 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(62, 119, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 119, 63) }
```

Border

The CSS property to change the border of an element to Yxy 14.5767, 0.3051, 0.4691 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(62, 119, 63) }
```

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

```
.border{ border-color:rgb(62, 119, 63) }
```

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

Here you see how a box with a 4 pixel rgb(62, 119, 63) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 119, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 119, 63);  
box-shadow:4px 4px 4px 4px rgb(62, 119,  
63) }
```


Background

The CSS property to change the background color of an element to Yxy 14.5767, 0.3051, 0.4691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 119, 63) }
```

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

```
.background{ background-color: rgb(62, 119,  
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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