

Converting Colors

$Y_{xy}(14.8302, 0.3010, 0.4893)$

Have a look what the booklet for
Yxy(14.8302, 0.3010, 0.4893)
contains.

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Color

Yxy(14.7371, 0.3005, 0.4884)

Conversions

Conversions Part 1

Format	Color
Hex	35793A
RGB	53, 121, 58
RGB Percent	21%, 47%, 23%
CMY	0.7924, 0.5255, 0.7725
CMYK	0.56, 0.00, 0.52, 0.53
HSL	124°, 39%, 34%
HSV	124°, 56%, 47%
XYZ	9.0674, 14.7371, 6.3698
YIQ	93.4860, -20.3050, -34.0090

Conversions

Conversions Part 2

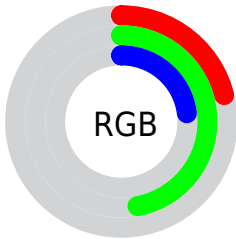
Format	Color
RYB	53, 116, 121
Decimal	3504442
CIELab	45.27, -35.64, 28.00
CIElCh	45, 45.324, 141.844
Yxy	14.7371, 0.3005, 0.4884
Android (android.graphics.Color)	4281694522 (0xFF35793A)
YUV	93.4860, -17.4946, -35.5062
Hunter-Lab	38.3889, -25.0194, 17.0344




Details

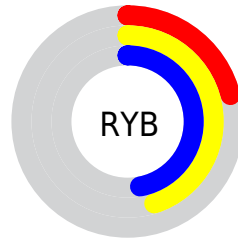
The Yxy color **14.7371, 0.3005, 0.4884** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **7.8671, 0.3277, 0.2095**, and the grayscale version is **11.1089, 0.3127, 0.3290**.




A 20% lighter version of the original color is **34.3978, 0.3065, 0.4442**, and **4.5330, 0.2917, 0.5700** is the 20% darker color. If you saturate the color by 10%, you get **14.3486, 0.2990, 0.5197**, and if you desaturate by 10%, it is **15.2344, 0.3024, 0.4560**.

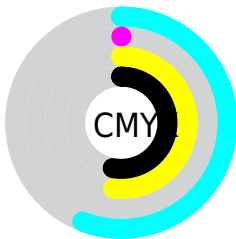
Distribution







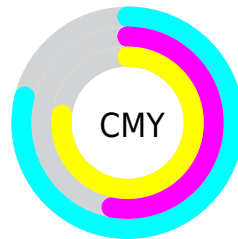
-  Red (21%)
-  Green (47%)
-  Blue (23%)






-  Red (21%)
-  Yellow (45%)
-  Blue (47%)



-  Cyan (56%)
-  Magenta (0%)
-  Yellow (52%)
-  Black (53%)





-  Cyan (79%)
-  Magenta (53%)
-  Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.7371, 0.3005, 0.4884 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 14.7371, 0.3005, 0.4884 by changing the saturation by 10% instead.


 14.7371, 0.3005,
0.4884


 14.7371, 0.3005,
0.4884


221.7694, 0.3115,
0.3880


 8.6351, 0.2939,
0.5241


 34.3913, 0.3066,
0.4451


 4.5039, 0.2811,
0.5784

 48.7123, 0.3082,
0.4311


 1.9593, 0.2733,
0.7267

 66.5417, 0.3092,
0.4201

 0.5836, 0.0000,
1.0000

 88.2640, 0.3100,
0.4111

 0.0000, 0.0000,
0.0000

 114.2635, 0.3105,
0.4038

 144.9246, 0.3110,

0.3977

180.6318, 0.3113,
0.3925

■ 14.7371, 0.3005,
0.4884

■ 14.7371, 0.3005,
0.4884

■ 14.3486, 0.2990,
0.5197

■ 15.2344, 0.3024,
0.4560

■ 14.0592, 0.2982,
0.5480

■ 15.8460, 0.3045,
0.4243

■ 13.8602, 0.2980,
0.5710

■ 16.5789, 0.3068,
0.3944

■ 13.7356, 0.2981,
0.5876

■ 17.4393, 0.3091,
0.3672

■ 13.6963, 0.2979,
0.5923

■ 18.4328, 0.3114,
0.3428

■ 19.5648, 0.3135,
0.3212

■ 20.8402, 0.3155,
0.3025

■ 22.2638, 0.3173,
0.2861

■ 23.8403, 0.3189,
0.2720

Harmonies

Analogous

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



14.7371, 0.3866, 0.4958



14.7371, 0.3005, 0.4884



14.7371, 0.2223, 0.4089

Triad

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



14.7371, 0.3005, 0.4884



14.7371, 0.1754, 0.1988



14.7371, 0.4736, 0.3198

Complementary

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



14.7371, 0.3005, 0.4884



7.8671, 0.3277, 0.2095

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.



14.7371, 0.3982, 0.2617



14.7371, 0.3005, 0.4884



14.7371, 0.2235, 0.1953

Square

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



14.7371, 0.3005, 0.4884



14.7371, 0.1585, 0.2335



14.7371, 0.3025, 0.2177



14.7371, 0.4941, 0.3842

Rectangle

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



14.7371, 0.3005, 0.4884



14.7371, 0.1856, 0.3390



14.7371, 0.3025, 0.2177



14.7371, 0.4534, 0.2994

Sweetspot

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



14.7377, 0.3005, 0.4884



31.0305, 0.3089, 0.3702



17.6786, 0.3838, 0.4601



7.0388, 0.3085, 0.3743



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.



14.7377, 0.3005, 0.4884



25.5491, 0.2988, 0.5270



15.1965, 0.2701, 0.4018



4.4544, 0.3108, 0.3494



14.6749, 0.2979, 0.5926



69.9499, 0.2990, 0.5965

Inverse Universe

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



7.8671, 0.3277, 0.2095



11.9603, 0.3314, 0.1898



7.2232, 0.3988, 0.2693



4.0726, 0.3147, 0.3094



5.6096, 0.3398, 0.1646



26.7034, 0.3409, 0.1651

Previews

White Background



This preview shows how the Yxy color 14.7371, 0.3005, 0.4884 looks on a white background.

Color Contrast Check

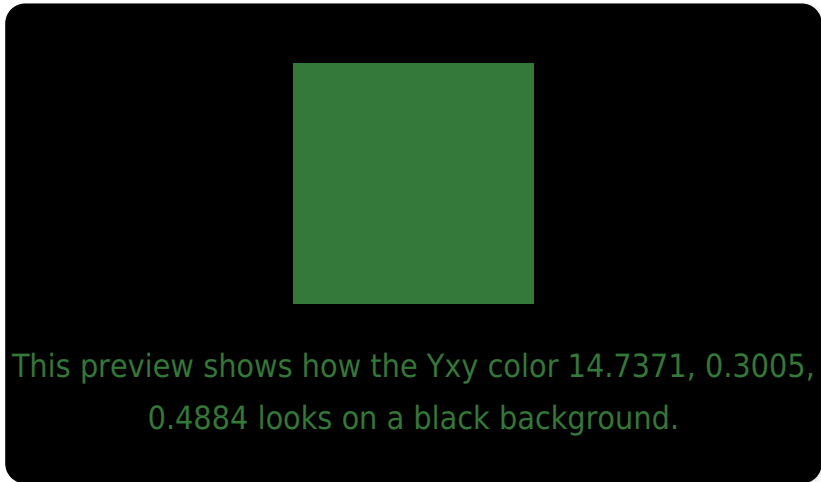
Large Text (above 18pt) WCAG AA ✓ Pass

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

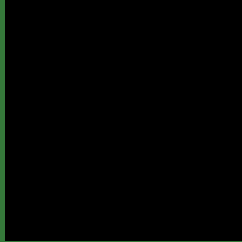
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.7371, 0.3005, 0.4884

Background



This preview shows how black text looks on a background with the Yxy color 14.7371, 0.3005, 0.4884.



This preview shows how white text looks on a background with the Yxy color 14.7371, 0.3005, 0.4884.

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

14.7371, 0.3005, 0.4884

Protanopia

14.6240, 0.3994, 0.4368

Deuteranopia

14.5288, 0.4088, 0.4040



Tritanopia

14.7299, 0.2524, 0.3086

Trichromacy



Original Color

14.7371, 0.3005, 0.4884

Protanomaly

14.2439, 0.3567, 0.4577

Deuteranomaly

14.0409, 0.3623, 0.4357

Tritanomaly

14.6802, 0.2705, 0.3724

Monochromacy



Original Color

14.7371, 0.3005, 0.4884

Achromatopsia

10.9462, 0.3127, 0.3290

Achromatomaly

11.8994, 0.3072, 0.3872

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.7371, 0.3005, 0.4884 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(53, 121, 58)` looks like.

```
.text, #text, p{  
  color:rgb(53, 121, 58)  
}
```

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(53, 121, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 121, 58) }
```

Border

The CSS property to change the border of an element to Yxy 14.7371, 0.3005, 0.4884 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(53, 121, 58) }
```

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

```
.border{ border-color:rgb(53, 121, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 121, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 121, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 121, 58);  
box-shadow:4px 4px 4px 4px rgb(53, 121,  
58) }
```


Background

The CSS property to change the background color of an element to Yxy 14.7371, 0.3005, 0.4884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 121, 58) }
```

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

```
.background{ background-color: rgb(53, 121,  
58) }
```

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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