

Converting Colors

$Y_{xy}(14.1552, 0.3287, 0.4841)$

Have a look what the booklet for
Yxy(14.1552, 0.3287, 0.4841)
contains.

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Color

Yxy(14.1552, 0.3287, 0.4841)

Conversions

Conversions Part 1

Format	Color
Hex	497434
RGB	73, 116, 52
RGB Percent	29%, 45%, 20%
CMY	0.7138, 0.5451, 0.7961
CMYK	0.37, 0.00, 0.55, 0.55
HSL	100°, 38%, 33%
HSV	100°, 55%, 45%
XYZ	9.6113, 14.1552, 5.4738
YIQ	95.8470, -5.0840, -29.0200

Conversions

Conversions Part 2

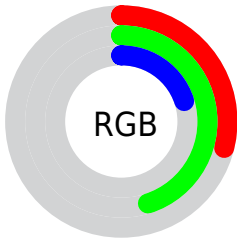
Format	Color
RYB	52, 116, 95
Decimal	4813876
CIELab	44.45, -27.64, 30.42
CIELCh	44, 41.098, 132.257
Yxy	14.1552, 0.3287, 0.4841
Android (android.graphics.Color)	4283003956 (0xFF497434)
YUV	95.8470, -21.6166, -20.0368
Hunter-Lab	37.6234, -20.2414, 17.7104

Details

The Yxy color **14.1552, 0.3287, 0.4841** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **6.1512, 0.2802, 0.1893**, and the grayscale version is **11.7113, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.2104, 0.3282, 0.4428**, and **4.2074, 0.3216, 0.5666** is the 20% darker color. If you saturate the color by 10%, you get **13.7782, 0.3289, 0.5133**, and if you desaturate by 10%, it is **14.5974, 0.3273, 0.4536**.

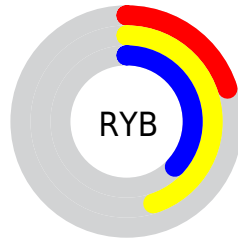
Distribution



Red (29%)

Green (45%)

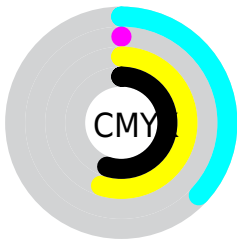
Blue (20%)



Red (20%)

Yellow (45%)

Blue (37%)

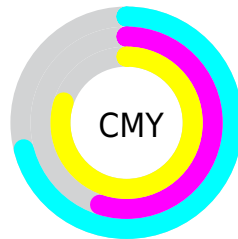


Cyan (37%)

Magenta (0%)

Yellow (55%)

Black (55%)



Cyan (71%)


Magenta (55%)


Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.1552, 0.3287, 0.4841 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 14.1552, 0.3287, 0.4841 by changing the saturation by 10% instead.


 14.1552, 0.3287,
0.4841


 14.1552, 0.3287,
0.4841


218.1942, 0.3229,
0.3871


 8.2287, 0.3273,
0.5177


 33.3642, 0.3280,
0.4427


 4.2416, 0.3218,
0.5682

 47.4154, 0.3271,
0.4291


 1.8096, 0.3186,
0.6814

 64.9436, 0.3263,
0.4184

 0.4932, 0.0000,
1.0000

 86.3333, 0.3255,
0.4098

 0.0000, 0.0000,
0.0000

 111.9688, 0.3248,
0.4026

 142.2346, 0.3241,

0.3966

177.5149, 0.3235,
0.3915

■ 14.1552, 0.3287,
0.4841

■ 14.1552, 0.3287,
0.4841

■ 13.7782, 0.3289,
0.5133

■ 14.5974, 0.3273,
0.4536

■ 13.4611, 0.3276,
0.5395

■ 15.1059, 0.3249,
0.4231

■ 13.2010, 0.3249,
0.5611

■ 15.6842, 0.3219,
0.3938

■ 12.9923, 0.3210,
0.5774

■ 16.3351, 0.3184,
0.3663

■ 12.9049, 0.3193,
0.5847

■ 17.0609, 0.3147,
0.3411

■ 17.8642, 0.3109,
0.3183

■ 18.7472, 0.3071,
0.2979

■ 19.7120, 0.3035,
0.2796

■ 20.7608, 0.3000,
0.2635

Harmonies

Analogous

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



14.1552, 0.4065, 0.4737



14.1552, 0.3287, 0.4841



14.1552, 0.2509, 0.4301

Triad

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



14.1552, 0.3287, 0.4841



14.1552, 0.1762, 0.2149



14.1552, 0.4429, 0.3031

Complementary

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



14.1552, 0.3287, 0.4841



6.1512, 0.2802, 0.1893

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.



14.1552, 0.3637, 0.2515



14.1552, 0.3287, 0.4841



14.1552, 0.2122, 0.2023

Square

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



14.1552, 0.3287, 0.4841



14.1552, 0.1697, 0.2591



14.1552, 0.2776, 0.2158



14.1552, 0.4803, 0.3629

Rectangle

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



14.1552, 0.3287, 0.4841



14.1552, 0.2098, 0.3692



14.1552, 0.2776, 0.2158



14.1552, 0.4197, 0.2846

Sweetspot

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



14.1558, 0.3287, 0.4841



28.4414, 0.3192, 0.3723



12.0865, 0.4109, 0.4178



6.7428, 0.3198, 0.3764



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.



14.1558, 0.3287, 0.4841



24.0677, 0.3287, 0.5202



13.5776, 0.2953, 0.4690



4.1511, 0.3161, 0.3506



14.4709, 0.3189, 0.5850



70.0982, 0.3155, 0.5877

Inverse Universe

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



6.1512, 0.2802, 0.1893



8.4428, 0.2700, 0.1606



7.1960, 0.3388, 0.2217



3.7007, 0.3090, 0.3077



3.2219, 0.2424, 0.1109



15.2212, 0.2382, 0.1086

Previews

White Background



This preview shows how the Yxy color 14.1552, 0.3287, 0.4841 looks on a white background.

Color Contrast Check

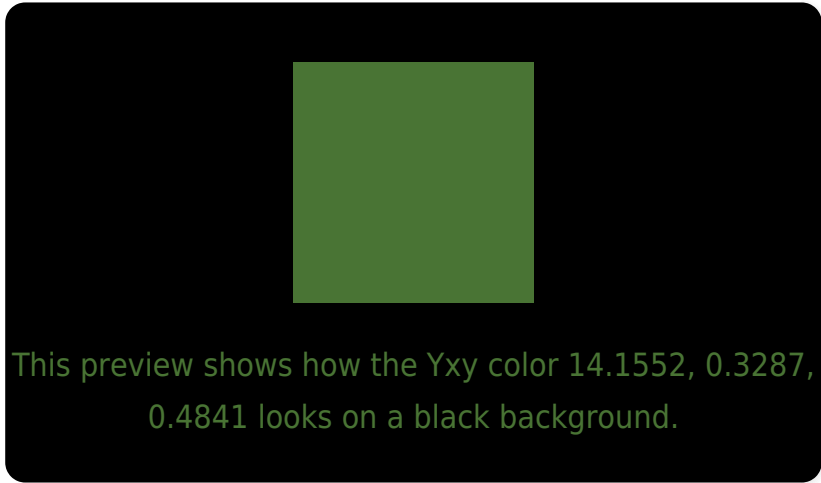
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.1552, 0.3287, 0.4841

Background



This preview shows how black text looks on a background with the Yxy color 14.1552, 0.3287, 0.4841.



This preview shows how white text looks on a background with the Yxy color 14.1552, 0.3287, 0.4841.

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

14.1552, 0.3287, 0.4841

Protanopia

14.0296, 0.4041, 0.4433

Deuteranopia

13.9891, 0.4186, 0.4132



Tritanopia

14.1301, 0.2710, 0.3089

Trichromacy



Original Color

14.1552, 0.3287, 0.4841

Protanomaly

13.8684, 0.3743, 0.4602

Deuteranomaly

13.7720, 0.3826, 0.4381

Tritanomaly

14.1020, 0.2931, 0.3716

Monochromacy



Original Color

14.1552, 0.3287, 0.4841

Achromatopsia

11.6971, 0.3127, 0.3290

Achromatomaly

12.3544, 0.3215, 0.3848

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.1552, 0.3287, 0.4841 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(73, 116, 52)` looks like.

```
.text, #text, p{  
    color:rgb(73, 116, 52)  
}
```

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(73, 116, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 116, 52) }
```

Border

The CSS property to change the border of an element to Yxy 14.1552, 0.3287, 0.4841 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(73, 116, 52) }
```

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

```
.border{ border-color:rgb(73, 116, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 116, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 116, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 116, 52);  
box-shadow:4px 4px 4px 4px rgb(73, 116,  
52) }
```


Background

The CSS property to change the background color of an element to Yxy 14.1552, 0.3287, 0.4841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 116, 52) }
```

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

```
.background{ background-color: rgb(73, 116,  
52) }
```

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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