

Converting Colors

$Y_{xy}(14.6383, 0.3183, 0.4536)$

Have a look what the booklet for
Yxy(14.6383, 0.3183, 0.4536)
contains.

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Color

Yxy(14.6001, 0.3183, 0.4549)

Conversions

Conversions Part 1

Format	Color
Hex	4B7541
RGB	75, 117, 65
RGB Percent	29%, 46%, 25%
CMY	0.7059, 0.5412, 0.7451
CMYK	0.36, 0.00, 0.44, 0.54
HSL	108°, 29%, 36%
HSV	108°, 44%, 46%
XYZ	10.2159, 14.6001, 7.2792
YIQ	98.5140, -8.3400, -25.0760

Conversions

Conversions Part 2

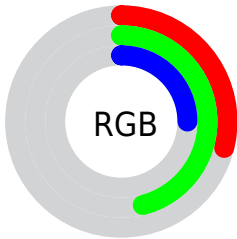
Format	Color
RYB	65, 117, 107
Decimal	4945217
CIELab	45.08, -25.55, 24.14
CIELCh	45, 35.154, 136.627
Yxy	14.6001, 0.3183, 0.4549
Android (android.graphics.Color)	4283135297 (0xFF4B7541)
YUV	98.5140, -16.5224, -20.6218
Hunter-Lab	38.2101, -19.1436, 15.4520

Details

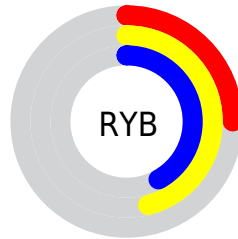
The Yxy color **14.6001, 0.3183, 0.4549** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **8.1908, 0.3003, 0.2203**, and the grayscale version is **12.3920, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.0265, 0.3190, 0.4202**, and **4.4044, 0.3119, 0.5245** is the 20% darker color. If you saturate the color by 10%, you get **14.1257, 0.3182, 0.4872**, and if you desaturate by 10%, it is **15.1605, 0.3177, 0.4230**.

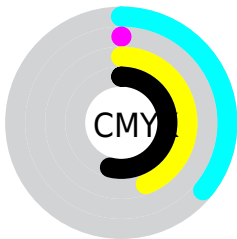
Distribution



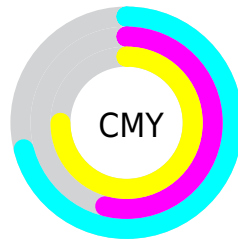
- Red (29%)
- Green (46%)
- Blue (25%)



- Red (25%)
- Yellow (46%)
- Blue (42%)



- Cyan (36%)
- Magenta (0%)
- Yellow (44%)
- Black (54%)



- Cyan (71%)
- Magenta (54%)
- Yellow (75%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 14.6001, 0.3183, 0.4549 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 14.6001, 0.3183, 0.4549 by changing the saturation by 10% instead.


 14.6001, 0.3183,
0.4549


 14.6001, 0.3183,
0.4549


 220.9328, 0.3173,
0.3765


 8.5392, 0.3167,
0.4824


 34.1501, 0.3189,
0.4213


 4.4419, 0.3122,
0.5243

 48.4080, 0.3188,
0.4104


 1.9237, 0.3206,
0.6364

 66.1670, 0.3185,
0.4018

 0.5626, 0.0000,
1.0000

 87.8115, 0.3183,
0.3948

 0.0000, 0.0000,
0.0000

 113.7260, 0.3180,
0.3890

 144.2948, 0.3178,

0.3842

179.9022, 0.3176,
0.3800

■ 14.6001, 0.3183,
0.4549

■ 14.6001, 0.3183,
0.4549

■ 14.1257, 0.3182,
0.4872

■ 15.1605, 0.3177,
0.4230

■ 13.7312, 0.3173,
0.5182

■ 15.8089, 0.3166,
0.3928

■ 13.4126, 0.3155,
0.5460


■ 16.5497, 0.3152,
0.3648

■ 13.1648, 0.3129,
0.5688

■ 17.3864, 0.3135,
0.3394

■ 12.9811, 0.3097,
0.5853

■ 18.3221, 0.3117,
0.3168

 12.9000, 0.3083,
0.5934

 19.3602, 0.3099,
0.2967

 20.5035, 0.3081,
0.2791

 21.7549, 0.3063,
0.2637

 23.1172, 0.3046,
0.2501

Harmonies

Analogous

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



14.6001, 0.3864, 0.4570



14.6001, 0.3183, 0.4549



14.6001, 0.2523, 0.4029

Triad

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



14.6001, 0.3183, 0.4549



14.6001, 0.1968, 0.2275



14.6001, 0.4303, 0.3155

Complementary

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



14.6001, 0.3183, 0.4549



8.1908, 0.3003, 0.2203

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.



14.6001, 0.3674, 0.2679



14.6001, 0.3183, 0.4549



14.6001, 0.2329, 0.2190

Square

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



14.6001, 0.3183, 0.4549



14.6001, 0.1874, 0.2631



14.6001, 0.2934, 0.2338



14.6001, 0.4564, 0.3691

Rectangle

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



14.6001, 0.3183, 0.4549



14.6001, 0.2184, 0.3521



14.6001, 0.2934, 0.2338



14.6001, 0.4124, 0.2986

Sweetspot

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



14.6007, 0.3183, 0.4549



29.7915, 0.3150, 0.3618



14.5967, 0.3836, 0.4146



6.7908, 0.3153, 0.3666



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.



14.6007, 0.3183, 0.4549



25.2990, 0.3182, 0.4869



14.4355, 0.2909, 0.4195



4.1290, 0.3143, 0.3507



14.2058, 0.3081, 0.5936



68.9376, 0.3056, 0.5956

Inverse Universe

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



8.1908, 0.3003, 0.2203



12.2771, 0.2963, 0.1972



8.5094, 0.3456, 0.2536



3.7241, 0.3109, 0.3079



4.0613, 0.2744, 0.1285



19.4374, 0.2718, 0.1271

Previews

White Background



This preview shows how the Yxy color 14.6001, 0.3183, 0.4549 looks on a white background.

Color Contrast Check

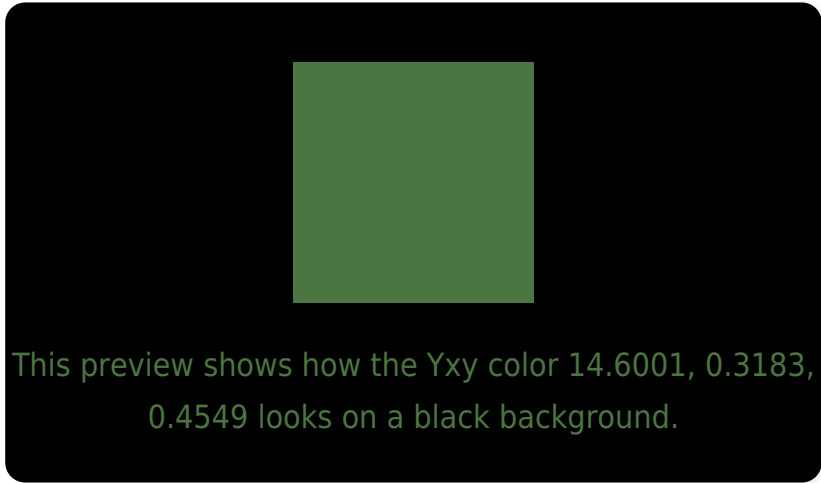
Large Text (above 18pt) WCAG AA ✓ Pass

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

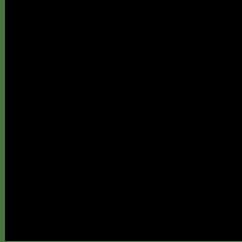
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.6001, 0.3183, 0.4549

Background



This preview shows how black text looks on a background with the Yxy color 14.6001, 0.3183, 0.4549.



This preview shows how white text looks on a background with the Yxy color 14.6001, 0.3183, 0.4549.

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

14.6001, 0.3183, 0.4549

Protanopia

14.4269, 0.3892, 0.4211

Deuteranopia

14.5216, 0.3991, 0.3935



Tritanopia

14.6562, 0.2705, 0.3092

Trichromacy



Original Color

14.6001, 0.3183, 0.4549

Protanomaly

14.3244, 0.3620, 0.4348

Deuteranomaly

14.1840, 0.3672, 0.4131

Tritanomaly

14.4797, 0.2877, 0.3591

Monochromacy



Original Color

14.6001, 0.3183, 0.4549

Achromatopsia

12.4772, 0.3127, 0.3290

Achromatomaly

13.1698, 0.3148, 0.3738

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.6001, 0.3183, 0.4549 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(75, 117, 65)` looks like.

```
.text, #text, p{  
    color:rgb(75, 117, 65)  
}
```

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(75, 117, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 117, 65) }
```

Border

The CSS property to change the border of an element to Yxy 14.6001, 0.3183, 0.4549 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(75, 117, 65) }
```

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

```
.border{ border-color:rgb(75, 117, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 117, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 117, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 117, 65);  
box-shadow:4px 4px 4px 4px rgb(75, 117,  
65) }
```


Background

The CSS property to change the background color of an element to Yxy 14.6001, 0.3183, 0.4549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 117, 65) }
```

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

```
.background{ background-color: rgb(75, 117,  
65) }
```

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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