

Converting Colors

$Yxy(13.6111, 0.2211, 0.4348)$

Have a look what the booklet for
Yxy(13.6111, 0.2211, 0.4348)
contains.

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Color

Yxy(14.3306, 0.2514, 0.4250)

Conversions

Conversions Part 1

Format	Color
Hex	007955
RGB	0, 121, 85
RGB Percent	0%, 47%, 33%
CMY	0.9999, 0.5255, 0.6667
CMYK	1.00, 0.00, 0.30, 0.53
HSL	162°, 100%, 24%
HSV	162°, 100%, 47%
XYZ	8.4770, 14.3306, 10.9115
YIQ	80.7170, -60.5600, -36.8480

Conversions

Conversions Part 2

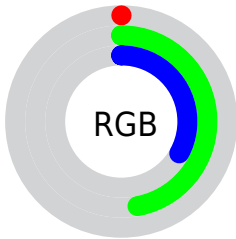
Format	Color
RYB	0, 71, 121
Decimal	31061
CIELab	44.70, -38.26, 11.76
CIELCh	45, 40.026, 162.909
Yxy	14.3306, 0.2514, 0.4250
Android (android.graphics.Color)	4278221141 (0xFF007955)
YUV	80.7170, 2.1115, -70.7888
Hunter-Lab	37.8558, -26.2765, 9.4094

Details

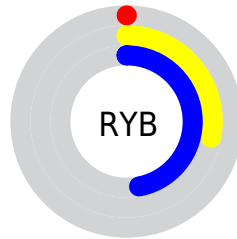
The Yxy color **14.3306, 0.2514, 0.4250** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **4.1935, 0.5679, 0.2902**, and the grayscale version is **8.1764, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.5992, 0.2675, 0.3982**, and **4.6597, 0.2620, 0.4630** is the 20% darker color. If you saturate the color by 10%, you get **14.3308, 0.2514, 0.4250**, and if you desaturate by 10%, it is **14.4688, 0.2512, 0.4141**.

Distribution



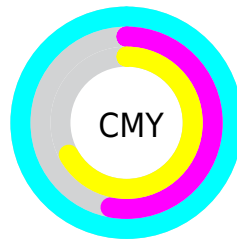
- Red (0%)
- Green (47%)
- Blue (33%)



- Red (0%)
- Yellow (28%)
- Blue (47%)



- Cyan (100%)
- Magenta (0%)
- Yellow (30%)
- Black (53%)




- Cyan (100%)
- Magenta (53%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.3306, 0.2514, 0.4250 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 14.3306, 0.2514, 0.4250 by changing the saturation by 10% instead.


 14.3306, 0.2514,
0.4250


 14.3306, 0.2514,
0.4250


219.2779, 0.2892,
0.3650


 8.3510, 0.2383,
0.4466


 33.6745, 0.2675,
0.3991


 4.3203, 0.2182,
0.4802

 47.8075, 0.2727,
0.3908

 1.8543, 0.1794,
0.5426

 65.4272, 0.2769,
0.3842

 0.5207, 0.0000,
1.0000

 86.9178, 0.2803,
0.3789


 0.0000, 0.0000,
0.0000


 112.6637, 0.2831,
0.3745


 143.0495, 0.2854,


0.3708


 178.4594, 0.2874,
0.3677


 14.3306, 0.2514,
0.4250


 14.3306, 0.2514,
0.4250


 14.3308, 0.2514,
0.4250

 14.4688, 0.2512,
0.4141

 14.6484, 0.2522,
0.4033

 14.8971, 0.2550,
0.3925

 15.2227, 0.2596,
0.3818

 15.6319, 0.2658,
0.3715

■ 16.1307, 0.2734,
0.3617

■ 16.7244, 0.2821,
0.3525

■ 17.4181, 0.2918,
0.3440

■ 18.2163, 0.3021,
0.3361

Harmonies

Analogous

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



14.3306, 0.3270, 0.4786



14.3306, 0.2514, 0.4250



14.3306, 0.1966, 0.3358

Triad

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



14.3306, 0.2514, 0.4250



14.3306, 0.2160, 0.2054



14.3306, 0.4757, 0.3639

Complementary

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



14.3306, 0.2514, 0.4250



4.1935, 0.5679, 0.2902

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.



14.3306, 0.4403, 0.3053



14.3306, 0.2514, 0.4250



14.3306, 0.2804, 0.2191

Square

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



14.3306, 0.2514, 0.4250



14.3306, 0.1800, 0.2174



14.3306, 0.3642, 0.2544



14.3306, 0.4590, 0.4233

Rectangle

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



14.3306, 0.2514, 0.4250



14.3306, 0.1774, 0.2819



14.3306, 0.3642, 0.2544



14.3306, 0.4698, 0.3440

Sweetspot

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



14.3312, 0.2514, 0.4250



29.8590, 0.2814, 0.3532



14.0562, 0.3164, 0.5870



6.7420, 0.2784, 0.3563



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.



14.3312, 0.2514, 0.4250



25.6363, 0.2521, 0.4276



9.8947, 0.2072, 0.2660



4.4931, 0.3030, 0.3354



15.3551, 0.2515, 0.4254



73.0900, 0.2530, 0.4309

Inverse Universe

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



4.1935, 0.5679, 0.2902



7.4850, 0.5741, 0.2937



4.7278, 0.6121, 0.3522



4.0329, 0.3235, 0.3227



4.4910, 0.5688, 0.2907



21.2896, 0.5818, 0.2979

Previews

White Background



This preview shows how the Yxy color 14.3306, 0.2514, 0.4250 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 14.3306, 0.2514, 0.4250 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 14.3306, 0.2514, 0.4250

Background



This preview shows how black text looks on a background with the Yxy color 14.3306, 0.2514, 0.4250.



This preview shows how white text looks on a background with the Yxy color 14.3306, 0.2514, 0.4250.

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

14.3306, 0.2514, 0.4250

Protanopia

14.1639, 0.3612, 0.3865

Deuteranopia

14.0936, 0.3599, 0.3537



Tritanopia

14.4429, 0.2315, 0.3078

Trichromacy



Original Color

14.3306, 0.2514, 0.4250

Protanomaly

13.3407, 0.2980, 0.4040

Deuteranomaly

13.0075, 0.2961, 0.3781

Tritanomaly

14.3023, 0.2369, 0.3487

Monochromacy



Original Color

14.3306, 0.2514, 0.4250

Achromatopsia

8.2283, 0.3127, 0.3290

Achromatomaly

9.7050, 0.2707, 0.3689

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.3306, 0.2514, 0.4250 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(0, 121, 85)` looks like.

```
.text, #text, p{  
    color:rgb(0, 121, 85)  
}
```

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(0, 121, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 121, 85) }
```

Border

The CSS property to change the border of an element to Yxy 14.3306, 0.2514, 0.4250 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(0, 121, 85) }
```

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

```
.border{ border-color:rgb(0, 121, 85) }
```

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

Here you see how a box with a 4 pixel rgb(0, 121, 85) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 121, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 121, 85);  
box-shadow:4px 4px 4px 4px rgb(0, 121, 85)  
}
```


Background

The CSS property to change the background color of an element to Yxy 14.3306, 0.2514, 0.4250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 121, 85) }
```

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

```
.background{ background-color: rgb(0, 121,  
85) }
```

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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