

Converting Colors

$Y_{xy}(14.1524, 0.2868, 0.5526)$

Have a look what the booklet for
Yxy(14.1524, 0.2868, 0.5526)
contains.

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Color

Yxy(14.0526, 0.2869, 0.5527)

Conversions

Conversions Part 1

Format	Color
Hex	007A25
RGB	0, 122, 37
RGB Percent	0%, 48%, 15%
CMY	0.9995, 0.5216, 0.8549
CMYK	1.00, 0.00, 0.70, 0.52
HSL	138°, 100%, 24%
HSV	138°, 100%, 48%
XYZ	7.2945, 14.0526, 4.0782
YIQ	75.8320, -45.4270, -52.2990

Conversions

Conversions Part 2

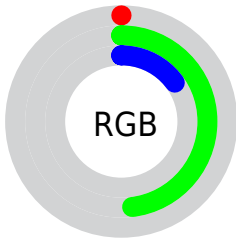
Format	Color
RYB	0, 94, 122
Decimal	31269
CIELab	44.31, -47.47, 37.06
CIELCh	44, 60.223, 142.017
Yxy	14.0526, 0.2869, 0.5527
Android (android.graphics.Color)	4278221349 (0xFF007A25)
YUV	75.8320, -19.1442, -66.5047
Hunter-Lab	37.4868, -30.8677, 19.7905

Details

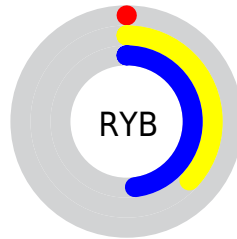
The Yxy color **14.0526, 0.2869, 0.5527** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **4.7978, 0.4115, 0.2041**, and the grayscale version is **7.2437, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.3423, 0.2999, 0.4914**, and **4.6347, 0.3000, 0.6000** is the 20% darker color. If you saturate the color by 10%, you get **14.0519, 0.2869, 0.5529**, and if you desaturate by 10%, it is **14.1927, 0.2850, 0.5323**.

Distribution



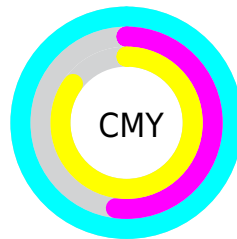
- Red (0%)
- Green (48%)
- Blue (15%)



- Red (0%)
- Yellow (37%)
- Blue (48%)



- Cyan (100%)
- Magenta (0%)
- Yellow (70%)
- Black (52%)





- Cyan (100%)
- Magenta (52%)
- Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.0526, 0.2869, 0.5527 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 14.0526, 0.2869, 0.5527 by changing the saturation by 10% instead.


 14.0526, 0.2869,
0.5527


 14.0526, 0.2869,
0.5527


217.5578, 0.3098,
0.4095


 8.1573, 0.2733,
0.6033


 33.1823, 0.2996,
0.4906


 4.1957, 0.2524,
0.6917

 47.1855, 0.3028,
0.4706


 1.7836, 0.1628,
0.8372

 64.6601, 0.3050,
0.4548

 0.4770, 0.0000,
1.0000

 85.9905, 0.3066,
0.4422

 0.0000, 0.0000,
0.0000

 111.5610, 0.3077,
0.4318


 141.7562, 0.3086,


0.4231


 176.9603, 0.3093,
0.4158

 14.0526, 0.2869,
0.5527


 14.0526, 0.2869,
0.5527

 14.0519, 0.2869,
0.5529

 14.1927, 0.2850,
0.5323

 14.3859, 0.2837,
0.5093

 14.6606, 0.2840,
0.4844

 15.0251, 0.2857,
0.4586

 15.4871, 0.2887,
0.4331

■ 16.0532, 0.2926,
0.4086

■ 16.7293, 0.2972,
0.3857

■ 17.5211, 0.3022,
0.3647

■ 18.4338, 0.3075,
0.3458

Harmonies

Analogous

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



14.0526, 0.3951, 0.5459



14.0526, 0.2869, 0.5527



14.0526, 0.1906, 0.4383

Triad

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



14.0526, 0.2869, 0.5527



14.0526, 0.1412, 0.1638



14.0526, 0.5281, 0.3100

Complementary

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



14.0526, 0.2869, 0.5527



4.7978, 0.4115, 0.2041

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.



14.0526, 0.4267, 0.2416



14.0526, 0.2869, 0.5527



14.0526, 0.1977, 0.1620

Square

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



14.0526, 0.2869, 0.5527



14.0526, 0.1207, 0.2015



14.0526, 0.2972, 0.1891



14.0526, 0.5469, 0.3857

Rectangle

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



14.0526, 0.2869, 0.5527



14.0526, 0.1480, 0.3365



14.0526, 0.2972, 0.1891



14.0526, 0.5019, 0.2862

Sweetspot

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



14.0532, 0.2869, 0.5527



29.3273, 0.2968, 0.3875



15.8708, 0.3691, 0.5451



6.6103, 0.2952, 0.3951



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.



14.0532, 0.2869, 0.5527



24.7000, 0.2880, 0.5570



14.7943, 0.2421, 0.3916



4.4681, 0.3079, 0.3443



14.7933, 0.2870, 0.5533



70.4311, 0.2895, 0.5621

Inverse Universe

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



4.7978, 0.4115, 0.2041



8.4106, 0.4142, 0.2056



4.2081, 0.5993, 0.3077



4.0578, 0.3179, 0.3142



5.0466, 0.4119, 0.2043



23.9162, 0.4178, 0.2075

Previews

White Background



This preview shows how the Yxy color 14.0526, 0.2869, 0.5527 looks on a white background.

Color Contrast Check

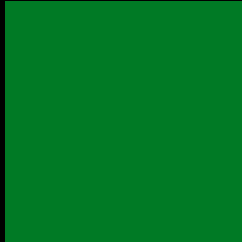
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.0526, 0.2869, 0.5527 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 14.0526, 0.2869, 0.5527

Background



This preview shows how black text looks on a background with the Yxy color 14.0526, 0.2869, 0.5527.



This preview shows how white text looks on a background with the Yxy color 14.0526, 0.2869, 0.5527.

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

14.0526, 0.2869, 0.5527

Protanopia

13.9893, 0.4211, 0.4657

Deuteranopia

13.8590, 0.4363, 0.4276



Tritanopia

14.1428, 0.2374, 0.3078

Trichromacy



Original Color

14.0526, 0.2869, 0.5527



Protanomaly

12.9402, 0.3479, 0.5118



Deuteranomaly

12.5216, 0.3571, 0.4837



Tritanomaly

13.8024, 0.2539, 0.3942

Monochromacy



Original Color

14.0526, 0.2869, 0.5527



Achromatopsia

7.2272, 0.3127, 0.3290



Achromatomaly

8.8049, 0.2893, 0.4244

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.0526, 0.2869, 0.5527 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, 122, 37)` looks like.

```
.text, #text, p{  
    color:rgb(0, 122, 37)  
}
```

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, 122, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 122, 37) }
```

Border

The CSS property to change the border of an element to Yxy 14.0526, 0.2869, 0.5527 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, 122, 37) }
```

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

```
.border{ border-color:rgb(0, 122, 37) }
```

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

Here you see how a box with a 4 pixel rgb(0, 122, 37) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 122, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 122, 37);  
box-shadow:4px 4px 4px 4px rgb(0, 122, 37)  
}
```


Background

The CSS property to change the background color of an element to Yxy 14.0526, 0.2869, 0.5527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 122, 37) }
```

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

```
.background{ background-color: rgb(0, 122,  
37) }
```

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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