

Converting Colors

$Yxy(14.1377, 0.2882, 0.5574)$

Have a look what the booklet for
Yxy(14.1377, 0.2882, 0.5574)
contains.

Yxy(14.0404, 0.2880, 0.5567)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(14.0404, 0.2880, 0.5567)

Conversions

Conversions Part 1

Format	Color
Hex	007A23
RGB	0, 122, 35
RGB Percent	0%, 48%, 14%
CMY	0.9997, 0.5216, 0.8628
CMYK	1.00, 0.00, 0.71, 0.52
HSL	137°, 100%, 24%
HSV	137°, 100%, 48%
XYZ	7.2636, 14.0404, 3.9168
YIQ	75.6040, -44.7850, -52.9210

Conversions

Conversions Part 2

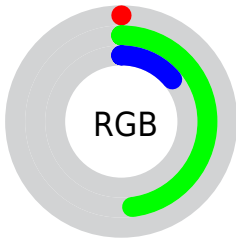
Format	Color
RYB	0, 95, 122
Decimal	31267
CIELab	44.29, -47.69, 37.93
CIELCh	44, 60.935, 141.506
Yxy	14.0404, 0.2880, 0.5567
Android (android.graphics.Color)	4278221347 (0xFF007A23)
YUV	75.6040, -20.0178, -66.3047
Hunter-Lab	37.4705, -30.9716, 20.0318

Details

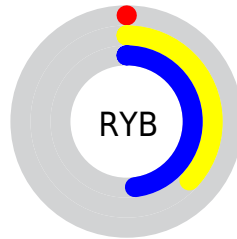
The Yxy color **14.0404, 0.2880, 0.5567** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **4.8290, 0.4057, 0.2009**, and the grayscale version is **7.1992, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.3105, 0.3010, 0.4948**, and **4.6347, 0.3000, 0.6000** is the 20% darker color. If you saturate the color by 10%, you get **14.0401, 0.2880, 0.5568**, and if you desaturate by 10%, it is **14.1790, 0.2861, 0.5364**.

Distribution



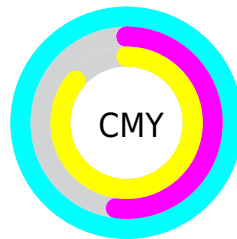
- Red (0%)
- Green (48%)
- Blue (14%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (71%)
- Black (52%)




- Cyan (100%)
- Magenta (52%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 14.0404, 0.2880, 0.5567 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 14.0404, 0.2880, 0.5567 by changing the saturation by 10% instead.


 14.0404, 0.2880,
0.5567


 14.0404, 0.2880,
0.5567


217.4820, 0.3106,
0.4110


 8.1488, 0.2742,
0.6079


 33.1607, 0.3007,
0.4936


 4.1903, 0.2539,
0.6999

 47.1581, 0.3039,
0.4732

 1.7806, 0.1601,
0.8399

 64.6263, 0.3060,
0.4572

 0.4750, 0.0000,
1.0000

 85.9496, 0.3075,
0.4443


 0.0000, 0.0000,
0.0000


 111.5125, 0.3086,
0.4337


 141.6992, 0.3095,


0.4249


 176.8943, 0.3101,
0.4174


 14.0404, 0.2880,
0.5567


 14.0404, 0.2880,
0.5567


 14.0401, 0.2880,
0.5568

 14.1790, 0.2861,
0.5364

 14.3709, 0.2849,
0.5133

 14.6448, 0.2851,
0.4880

 15.0091, 0.2868,
0.4618

 15.4715, 0.2896,
0.4357

■ 16.0387, 0.2934,
0.4107

■ 16.7166, 0.2978,
0.3872

■ 17.5109, 0.3027,
0.3656

■ 18.4269, 0.3077,
0.3462

Harmonies

Analogous

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



14.0404, 0.3970, 0.5470



14.0404, 0.2880, 0.5567



14.0404, 0.1905, 0.4424

Triad

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



14.0404, 0.2880, 0.5567



14.0404, 0.1391, 0.1627



14.0404, 0.5295, 0.3082

Complementary

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



14.0404, 0.2880, 0.5567



4.8290, 0.4057, 0.2009

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.



14.0404, 0.4257, 0.2396



14.0404, 0.2880, 0.5567



14.0404, 0.1952, 0.1604

Square

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



14.0404, 0.2880, 0.5567



14.0404, 0.1191, 0.2011



14.0404, 0.2948, 0.1871



14.0404, 0.5495, 0.3842

Rectangle

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



14.0404, 0.2880, 0.5567



14.0404, 0.1471, 0.3388



14.0404, 0.2948, 0.1871



14.0404, 0.5025, 0.2843

Sweetspot

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



14.0410, 0.2880, 0.5567



29.3076, 0.2974, 0.3890



15.9676, 0.3718, 0.5429



6.6055, 0.2959, 0.3967



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.



14.0410, 0.2880, 0.5567



24.6794, 0.2891, 0.5608



14.7566, 0.2437, 0.3972



4.4671, 0.3081, 0.3446



14.7806, 0.2881, 0.5572



70.3755, 0.2905, 0.5659

Inverse Universe

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



4.8290, 0.4057, 0.2009



8.4676, 0.4083, 0.2023



4.2162, 0.5946, 0.3050



4.0589, 0.3176, 0.3139



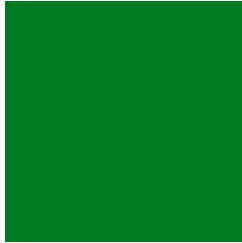
5.0803, 0.4060, 0.2010



24.0813, 0.4116, 0.2041

Previews

White Background



This preview shows how the Yxy color 14.0404, 0.2880, 0.5567 looks on a white background.

Color Contrast Check

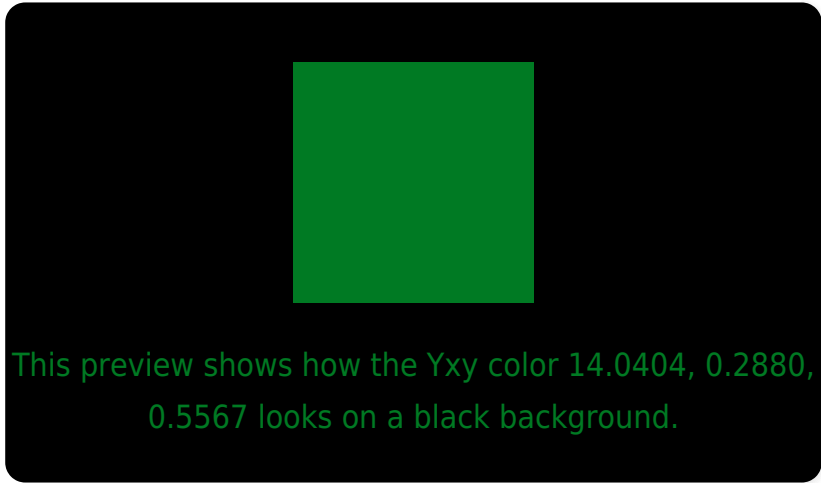
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.0404, 0.2880, 0.5567

Background



This preview shows how black text looks on a background with the Yxy color 14.0404, 0.2880, 0.5567.



This preview shows how white text looks on a background with the Yxy color 14.0404, 0.2880, 0.5567.

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

14.0404, 0.2880, 0.5567

Protanopia

13.9788, 0.4227, 0.4681

Deuteranopia

13.8439, 0.4385, 0.4304



Tritanopia

14.1428, 0.2374, 0.3078

Trichromacy



Original Color

14.0404, 0.2880, 0.5567



Protanomaly

12.9290, 0.3494, 0.5151



Deuteranomaly

12.5076, 0.3590, 0.4876



Tritanomaly

13.7850, 0.2547, 0.3970

Monochromacy



Original Color

14.0404, 0.2880, 0.5567



Achromatopsia

7.2272, 0.3127, 0.3290



Achromatomaly

8.7940, 0.2905, 0.4276

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.0404, 0.2880, 0.5567 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, 35)` looks like.

```
.text, #text, p{  
    color:rgb(0, 122, 35)  
}
```

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, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 122, 35) }
```

Border

The CSS property to change the border of an element to Yxy 14.0404, 0.2880, 0.5567 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, 35) }
```

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

```
.border{ border-color:rgb(0, 122, 35) }
```

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, 35) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 122, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 122, 35);  
box-shadow:4px 4px 4px 4px rgb(0, 122, 35)  
}
```


Background

The CSS property to change the background color of an element to Yxy 14.0404, 0.2880, 0.5567 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, 35) }
```

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

```
.background{ background-color: rgb(0, 122,  
35) }
```

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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