

Converting Colors

$Y_{xy}(14.1044, 0.2950, 0.5547)$

Have a look what the booklet for
Yxy(14.1044, 0.2950, 0.5547)
contains.

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Color

Yxy(14.1833, 0.2947, 0.5546)

Conversions

Conversions Part 1

Format	Color
Hex	147A22
RGB	20, 122, 34
RGB Percent	8%, 48%, 13%
CMY	0.9216, 0.5216, 0.8666
CMYK	0.84, 0.00, 0.72, 0.52
HSL	128°, 72%, 28%
HSV	128°, 84%, 48%
XYZ	7.5366, 14.1833, 3.8540
YIQ	81.4700, -32.5440, -48.9920

Conversions

Conversions Part 2

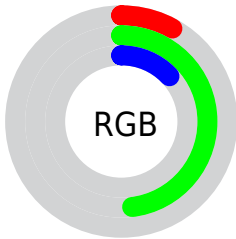
Format	Color
R_YB	20, 110, 122
Decimal	1341986
CIE Lab	44.49, -45.95, 38.63
CIE LCh	44, 60.030, 139.940
Yxy	14.1833, 0.2947, 0.5546
Android (android.graphics.Color)	4279532066 (0xFF147A22)
YUV	81.4700, -23.4027, -53.9092
Hunter-Lab	37.6607, -30.1850, 20.2951

Details

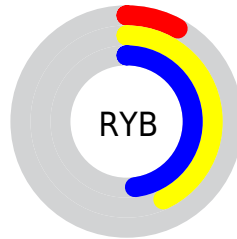
The Yxy color **14.1833, 0.2947, 0.5546** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **5.7202, 0.3496, 0.1821**, and the grayscale version is **8.3785, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.6221, 0.3057, 0.4925**, and **4.6347, 0.3000, 0.6000** is the 20% darker color. If you saturate the color by 10%, you get **14.0338, 0.2956, 0.5748**, and if you desaturate by 10%, it is **14.4157, 0.2947, 0.5293**.

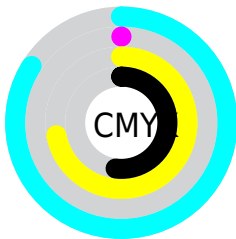
Distribution



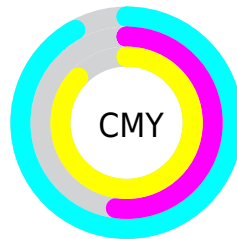
- Red (8%)
- Green (48%)
- Blue (13%)



- Red (8%)
- Yellow (43%)
- Blue (48%)



- Cyan (84%)
- Magenta (0%)
- Yellow (72%)
- Black (52%)





- Cyan (92%)
- Magenta (52%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 14.1833, 0.2947, 0.5546 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 14.1833, 0.2947, 0.5546 by changing the saturation by 10% instead.


 14.1833, 0.2947,
0.5546


 14.1833, 0.2947,
0.5546


218.3682, 0.3133,
0.4109


 8.2483, 0.2821,
0.6046


 33.4139, 0.3058,
0.4927

 4.2542, 0.2641,
0.6948

 47.4783, 0.3084,
0.4725

 1.8168, 0.1818,
0.8182

 65.0212, 0.3101,
0.4567

 0.4976, 0.0000,
1.0000

 86.4271, 0.3112,
0.4439

 0.0000, 0.0000,
0.0000

 112.0804, 0.3120,
0.4334

 142.3654, 0.3126,

0.4247

177.6665, 0.3130,
0.4172

14.1833, 0.2947,
0.5546

14.1833, 0.2947,
0.5546

14.0338, 0.2956,
0.5748

14.4157, 0.2947,
0.5293

13.9595, 0.2958,
0.5850

14.7403, 0.2956,
0.5004

15.1660, 0.2973,
0.4699

15.7006, 0.2997,
0.4394

16.3507, 0.3025,
0.4101

■ 17.1228, 0.3055,
0.3830

■ 18.0226, 0.3086,
0.3583

■ 19.0555, 0.3116,
0.3363

■ 20.2268, 0.3146,
0.3169

Harmonies

Analogous

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



14.1833, 0.4022, 0.5408



14.1833, 0.2947, 0.5546



14.1833, 0.1969, 0.4480

Triad

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



14.1833, 0.2947, 0.5546



14.1833, 0.1394, 0.1659



14.1833, 0.5222, 0.3052

Complementary

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



14.1833, 0.2947, 0.5546



5.7202, 0.3496, 0.1821

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.



14.1833, 0.4171, 0.2378



14.1833, 0.2947, 0.5546



14.1833, 0.1930, 0.1619

Square

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



14.1833, 0.2947, 0.5546



14.1833, 0.1213, 0.2065



14.1833, 0.2891, 0.1870



14.1833, 0.5471, 0.3803

Rectangle

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



14.1833, 0.2947, 0.5546



14.1833, 0.1523, 0.3465



14.1833, 0.2891, 0.1870



14.1833, 0.4943, 0.2817

Sweetspot

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



14.1839, 0.2947, 0.5546



29.8352, 0.3049, 0.3882



17.1836, 0.3943, 0.5087



6.7325, 0.3040, 0.3957



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.



14.1839, 0.2947, 0.5546



24.5447, 0.2966, 0.5877



14.7179, 0.2574, 0.4269



4.4581, 0.3100, 0.3480



14.6956, 0.2959, 0.5853



70.0233, 0.2975, 0.5909

Inverse Universe

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



5.7202, 0.3496, 0.1821



9.0676, 0.3585, 0.1748



4.9371, 0.4915, 0.2689



4.0685, 0.3156, 0.3107



5.4343, 0.3576, 0.1744



25.8293, 0.3598, 0.1756

Previews

White Background



This preview shows how the Yxy color 14.1833, 0.2947, 0.5546 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 14.1833, 0.2947, 0.5546

Background



This preview shows how black text looks on a background with the Yxy color 14.1833, 0.2947, 0.5546.



This preview shows how white text looks on a background with the Yxy color 14.1833, 0.2947, 0.5546.

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

14.1833, 0.2947, 0.5546

Protanopia

14.0484, 0.4242, 0.4671

Deuteranopia

14.0273, 0.4382, 0.4335



Tritanopia

14.2216, 0.2395, 0.3079

Trichromacy



Original Color

14.1833, 0.2947, 0.5546

Protanomaly

13.2616, 0.3615, 0.5094

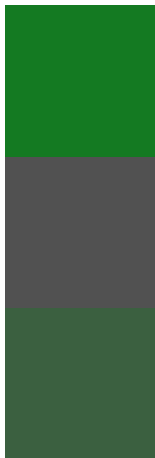
Deuteranomaly

13.0453, 0.3697, 0.4849

Tritanomaly

13.9493, 0.2602, 0.3961

Monochromacy



Original Color

14.1833, 0.2947, 0.5546

Achromatopsia

8.2283, 0.3127, 0.3290

Achromatomaly

9.6657, 0.3014, 0.4215

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.1833, 0.2947, 0.5546 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(20, 122, 34)` looks like.

```
.text, #text, p{  
    color:rgb(20, 122, 34)  
}
```

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(20, 122, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 122, 34) }
```

Border

The CSS property to change the border of an element to Yxy 14.1833, 0.2947, 0.5546 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(20, 122, 34) }
```

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

```
.border{ border-color:rgb(20, 122, 34) }
```

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

Here you see how a box with a 4 pixel `rgb(20, 122, 34)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 122, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 122, 34);  
box-shadow:4px 4px 4px 4px rgb(20, 122,  
34) }
```


Background

The CSS property to change the background color of an element to Yxy 14.1833, 0.2947, 0.5546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 122, 34) }
```

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

```
.background{ background-color: rgb(20, 122,  
34) }
```

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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