

Converting Colors

$Y_{xy}(14.1471, 0.3134, 0.5431)$

Have a look what the booklet for
Yxy(14.1471, 0.3134, 0.5431)
contains.

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Color

Yxy(14.1471, 0.3134, 0.5431)

Conversions

Conversions Part 1

Format	Color
Hex	2F7821
RGB	47, 120, 33
RGB Percent	18%, 47%, 13%
CMY	0.8156, 0.5294, 0.8706
CMYK	0.61, 0.00, 0.73, 0.53
HSL	110°, 57%, 30%
HSV	110°, 73%, 47%
XYZ	8.1637, 14.1471, 3.7380
YIQ	88.2550, -15.5810, -42.5330

Conversions

Conversions Part 2

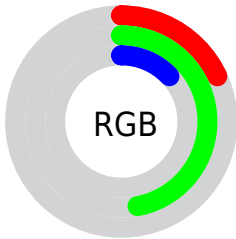
Format	Color
R_{YB}	33, 120, 106
Decimal	3110945
CIE _{Lab}	44.44, -39.92, 39.21
CIE _{LCh}	44, 55.959, 135.516
Yxy	14.1471, 0.3134, 0.5431
Android (android.graphics.Color)	4281301025 (0xFF2F7821)
YUV	88.2550, -27.2407, -36.1806
Hunter-Lab	37.6126, -27.0793, 20.4365

Details

The Yxy color **14.1471, 0.3134, 0.5431** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **5.5054, 0.2931, 0.1634**, and the grayscale version is **9.8819, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.3365, 0.3196, 0.4847**, and **4.3803, 0.3000, 0.6000** is the 20% darker color. If you saturate the color by 10%, you get **13.8797, 0.3110, 0.5670**, and if you desaturate by 10%, it is **14.4949, 0.3151, 0.5142**.

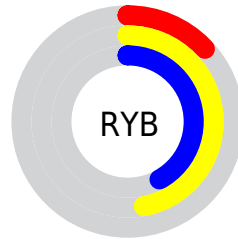
Distribution



 Red (18%)

 Green (47%)

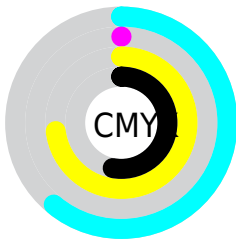
 Blue (13%)




 Red (13%)

 Yellow (47%)

 Blue (42%)

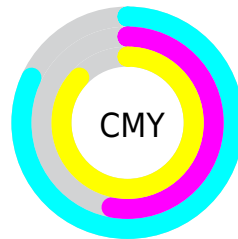


 Cyan (61%)


 Magenta (0%)

 Yellow (73%)

 Black (53%)



 Cyan (82%)


 Magenta (53%)

 Yellow (87%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.1471, 0.3134, 0.5431 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 14.1471, 0.3134, 0.5431 by changing the saturation by 10% instead.


 14.1471, 0.3134,
0.5431


 14.1471, 0.3134,
0.5431


218.1440, 0.3204,
0.4079


 8.2230, 0.3047,
0.5891


 33.3498, 0.3196,
0.4854


 4.2380, 0.2935,
0.6739

 47.3973, 0.3206,
0.4664

 1.8076, 0.2317,
0.7683

 64.9213, 0.3210,
0.4515

 0.4919, 0.0000,
1.0000

 86.3063, 0.3211,
0.4394

 0.0000, 0.0000,
0.0000


 111.9367, 0.3210,
0.4294

 142.1968, 0.3209,


0.4211

 177.4712, 0.3207,
0.4140


 14.1471, 0.3134,
0.5431


 14.1471, 0.3134,
0.5431


 13.8797, 0.3110,
0.5670

 14.4949, 0.3151,
0.5142

 13.6844, 0.3081,
0.5843

 14.9270, 0.3161,
0.4824

 13.5752, 0.3064,
0.5949

 15.4494, 0.3164,
0.4497

 16.0667, 0.3161,
0.4177

 16.7836, 0.3153,
0.3875

■ 17.6040, 0.3143,
0.3598

■ 18.5320, 0.3130,
0.3348

■ 19.5713, 0.3117,
0.3127

■ 20.7254, 0.3103,
0.2931

Harmonies

Analogous

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



14.1471, 0.4149, 0.5213



14.1471, 0.3134, 0.5431



14.1471, 0.2168, 0.4590

Triad

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



14.1471, 0.3134, 0.5431



14.1471, 0.1431, 0.1777



14.1471, 0.4981, 0.2981

Complementary

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



14.1471, 0.3134, 0.5431



5.5054, 0.2931, 0.1634

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.



14.1471, 0.3929, 0.2345



14.1471, 0.3134, 0.5431



14.1471, 0.1896, 0.1687

Square

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



14.1471, 0.3134, 0.5431



14.1471, 0.1305, 0.2240



14.1471, 0.2753, 0.1888



14.1471, 0.5355, 0.3699

Rectangle

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



14.1471, 0.3134, 0.5431



14.1471, 0.1693, 0.3665



14.1471, 0.2753, 0.1888



14.1471, 0.4684, 0.2756

Sweetspot

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



14.1477, 0.3134, 0.5431



29.5150, 0.3153, 0.3876



14.3079, 0.4242, 0.4625



6.9278, 0.3155, 0.3938



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.



14.1477, 0.3134, 0.5431



24.1706, 0.3091, 0.5793



14.1040, 0.2816, 0.4836



4.4782, 0.3139, 0.3509



14.8049, 0.3062, 0.5951



70.3692, 0.3041, 0.5968

Inverse Universe

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



5.5054, 0.2931, 0.1634



7.9392, 0.2864, 0.1421



5.8354, 0.3841, 0.2202



4.0464, 0.3114, 0.3077



4.4706, 0.2818, 0.1326



21.0155, 0.2797, 0.1314

Previews

White Background



This preview shows how the Yxy color 14.1471, 0.3134, 0.5431 looks on a white background.

Color Contrast Check

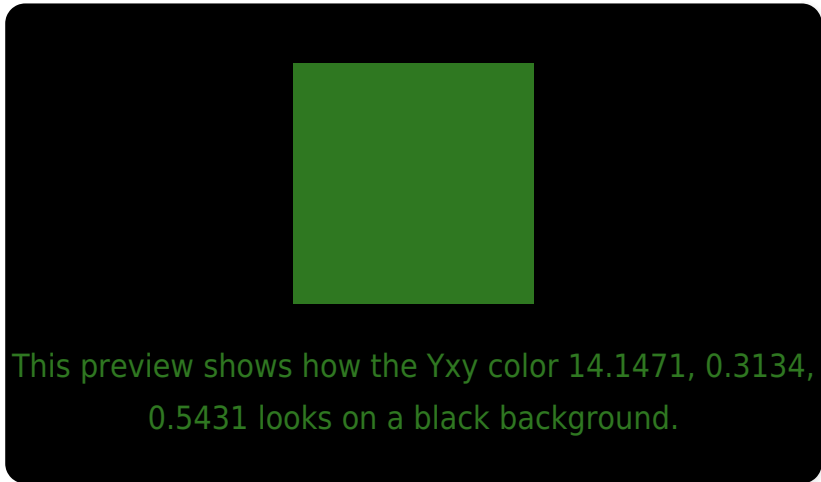
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.1471, 0.3134, 0.5431

Background



This preview shows how black text looks on a background with the Yxy color 14.1471, 0.3134, 0.5431.



This preview shows how white text looks on a background with the Yxy color 14.1471, 0.3134, 0.5431.

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

14.1471, 0.3134, 0.5431

Protanopia

13.9738, 0.4234, 0.4693

Deuteranopia

13.8296, 0.4407, 0.4332



Tritanopia

14.1271, 0.2508, 0.3083

Trichromacy



Original Color

14.1471, 0.3134, 0.5431

Protanomaly

13.5209, 0.3780, 0.5000

Deuteranomaly

13.3647, 0.3870, 0.4761

Tritanomaly

13.9125, 0.2761, 0.3944

Monochromacy



Original Color

14.1471, 0.3134, 0.5431

Achromatopsia

9.7587, 0.3127, 0.3290

Achromatomaly

10.9482, 0.3158, 0.4141

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.1471, 0.3134, 0.5431 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(47, 120, 33)` looks like.

```
.text, #text, p{  
    color:rgb(47, 120, 33)  
}
```

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(47, 120, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 120, 33) }
```

Border

The CSS property to change the border of an element to Yxy 14.1471, 0.3134, 0.5431 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(47, 120, 33) }
```

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

```
.border{ border-color:rgb(47, 120, 33) }
```

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

Here you see how a box with a 4 pixel rgb(47, 120, 33) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 120, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 120, 33);  
box-shadow:4px 4px 4px 4px rgb(47, 120,  
33) }
```


Background

The CSS property to change the background color of an element to Yxy 14.1471, 0.3134, 0.5431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 120, 33) }
```

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

```
.background{ background-color: rgb(47, 120,  
33) }
```

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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