

Converting Colors

$Y_{xy}(13.9203, 0.2905, 0.4650)$

Have a look what the booklet for
Yxy(13.9203, 0.2905, 0.4650)
contains.

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Color

Yxy(14.0283, 0.2906, 0.4644)

Conversions

Conversions Part 1

Format	Color
Hex	327642
RGB	50, 118, 66
RGB Percent	20%, 46%, 26%
CMY	0.8038, 0.5373, 0.7411
CMYK	0.58, 0.00, 0.44, 0.54
HSL	134°, 40%, 33%
HSV	134°, 58%, 46%
XYZ	8.7783, 14.0283, 7.4008
YIQ	91.7400, -23.8360, -30.5880

Conversions

Conversions Part 2

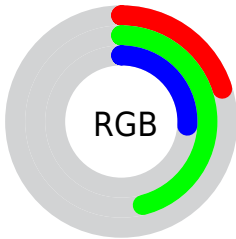
Format	Color
RYB	50, 105, 118
Decimal	3307074
CIELab	44.27, -33.79, 22.30
CIELCh	44, 40.484, 146.579
Yxy	14.0283, 0.2906, 0.4644
Android (android.graphics.Color)	4281497154 (0xFF327642)
YUV	91.7400, -12.6898, -36.6060
Hunter-Lab	37.4544, -23.7097, 14.5026

Details

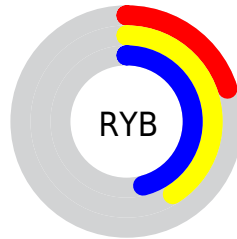
The Yxy color **14.0283, 0.2906, 0.4644** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **7.0943, 0.3499, 0.2254**, and the grayscale version is **10.6752, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.2472, 0.2984, 0.4267**, and **4.3104, 0.2831, 0.5391** is the 20% darker color. If you saturate the color by 10%, you get **13.6683, 0.2889, 0.4921**, and if you desaturate by 10%, it is **14.4836, 0.2933, 0.4368**.

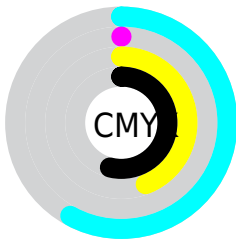
Distribution



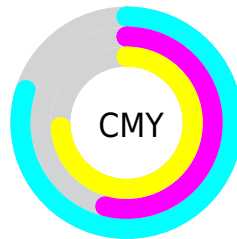
- Red (20%)
- Green (46%)
- Blue (26%)



- Red (20%)
- Yellow (41%)
- Blue (46%)



- Cyan (58%)
- Magenta (0%)
- Yellow (44%)
- Black (54%)





- Cyan (80%)
- Magenta (54%)
- Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.0283, 0.2906, 0.4644 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 14.0283, 0.2906, 0.4644 by changing the saturation by 10% instead.


 14.0283, 0.2906,
0.4644


 14.0283, 0.2906,
0.4644

217.4068, 0.3065,
0.3787


 8.1404, 0.2833,
0.4956


 33.1392, 0.2983,
0.4271


 4.1849, 0.2702,
0.5443

 47.1310, 0.3005,
0.4152


 1.7775, 0.2588,
0.6795

 64.5928, 0.3022,
0.4058

 0.4731, 0.0000,
1.0000

 85.9091, 0.3034,
0.3983

 0.0000, 0.0000,
0.0000

 111.4643, 0.3044,
0.3921

 141.6427, 0.3053,

0.3869

176.8287, 0.3059,
0.3825

■ 14.0283, 0.2906,
0.4644

■ 14.0283, 0.2906,
0.4644

■ 13.6683, 0.2889,
0.4921

■ 14.4836, 0.2933,
0.4368

■ 13.3950, 0.2884,
0.5186

■ 15.0387, 0.2968,
0.4104

■ 13.2012, 0.2892,
0.5427

■ 15.6997, 0.3008,
0.3857

■ 13.0682, 0.2908,
0.5632

■ 16.4719, 0.3050,
0.3632

■ 13.0393, 0.2910,
0.5676

■ 17.3601, 0.3094,
0.3429

■ 18.3688, 0.3137,
0.3249

■ 19.5025, 0.3180,
0.3090

■ 20.7652, 0.3220,
0.2951

■ 22.1608, 0.3258,
0.2830

Harmonies

Analogous

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



14.0283, 0.3703, 0.4839



14.0283, 0.2906, 0.4644



14.0283, 0.2212, 0.3866

Triad

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



14.0283, 0.2906, 0.4644



14.0283, 0.1909, 0.2066



14.0283, 0.4657, 0.3313

Complementary

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



14.0283, 0.2906, 0.4644



7.0943, 0.3499, 0.2254

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.



14.0283, 0.4037, 0.2752



14.0283, 0.2906, 0.4644



14.0283, 0.2407, 0.2069

Square

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



14.0283, 0.2906, 0.4644



14.0283, 0.1705, 0.2347



14.0283, 0.3173, 0.2313



14.0283, 0.4769, 0.3919

Rectangle

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



14.0283, 0.2906, 0.4644



14.0283, 0.1900, 0.3248



14.0283, 0.3173, 0.2313



14.0283, 0.4499, 0.3117

Sweetspot

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



14.0289, 0.2906, 0.4644



28.9901, 0.3051, 0.3628



16.0200, 0.3689, 0.4709



6.6158, 0.3045, 0.3660



60.3827, 0.3127, 0.3290



7.3239, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



14.0289, 0.2906, 0.4644



23.8683, 0.2886, 0.5005



14.5530, 0.2591, 0.3737



4.1110, 0.3088, 0.3456



14.1052, 0.2912, 0.5682



68.6225, 0.2934, 0.5763

Inverse Universe

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



7.0943, 0.3499, 0.2254



10.4029, 0.3614, 0.2080



6.5540, 0.4301, 0.2918



3.7439, 0.3169, 0.3129



4.9681, 0.3882, 0.1912



24.0727, 0.3926, 0.1936

Previews

White Background



This preview shows how the Yxy color 14.0283, 0.2906, 0.4644 looks on a white background.

Color Contrast Check

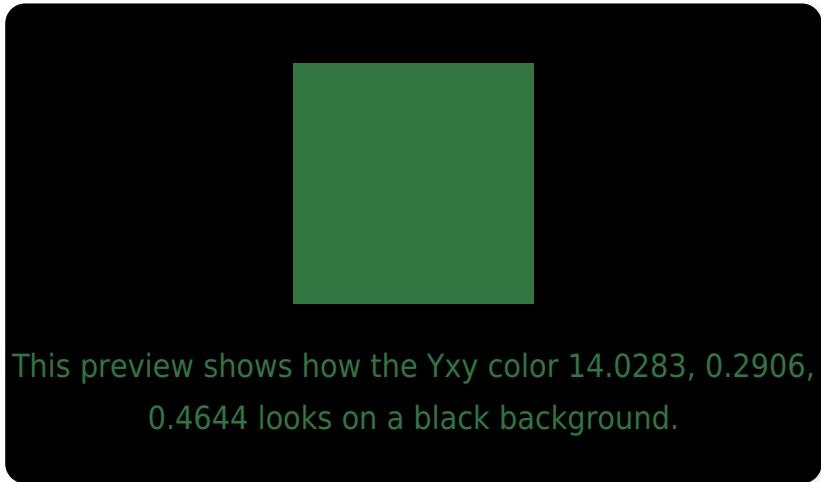
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.0283, 0.2906, 0.4644

Background



This preview shows how black text looks on a background with the Yxy color 14.0283, 0.2906, 0.4644.



This preview shows how white text looks on a background with the Yxy color 14.0283, 0.2906, 0.4644.

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

14.0283, 0.2906, 0.4644

Protanopia

13.8150, 0.3863, 0.4192

Deuteranopia

13.9165, 0.3947, 0.3890



Tritanopia

14.0926, 0.2499, 0.3082

Trichromacy



Original Color

14.0283, 0.2906, 0.4644

Protanomaly

13.5203, 0.3451, 0.4368

Deuteranomaly

13.5417, 0.3492, 0.4160

Tritanomaly

13.9349, 0.2648, 0.3608

Monochromacy



Original Color

14.0283, 0.2906, 0.4644

Achromatopsia

10.7023, 0.3127, 0.3290

Achromatomaly

11.5097, 0.3021, 0.3749

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.0283, 0.2906, 0.4644 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(50, 118, 66)` looks like.

```
.text, #text, p{  
    color:rgb(50, 118, 66)  
}
```

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(50, 118, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 118, 66) }
```

Border

The CSS property to change the border of an element to Yxy 14.0283, 0.2906, 0.4644 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(50, 118, 66) }
```

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

```
.border{ border-color:rgb(50, 118, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 118, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 118, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 118, 66);  
box-shadow:4px 4px 4px 4px rgb(50, 118,  
66) }
```


Background

The CSS property to change the background color of an element to Yxy 14.0283, 0.2906, 0.4644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 118, 66) }
```

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

```
.background{ background-color: rgb(50, 118,  
66) }
```

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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