

Converting Colors

$Y_{xy}(14.9584, 0.3156, 0.2680)$

Have a look what the booklet for
Yxy(14.9584, 0.3156, 0.2680)
contains.

Yxy(14.9069, 0.3155, 0.2686)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(14.9069, 0.3155, 0.2686)

Conversions

Conversions Part 1

Format	Color
Hex	826182
RGB	130, 97, 130
RGB Percent	51%, 38%, 51%
CMY	0.4902, 0.6196, 0.4901
CMYK	0.00, 0.25, 0.00, 0.49
HSL	300°, 15%, 45%
HSV	300°, 25%, 51%
XYZ	17.5098, 14.9069, 23.0818
YIQ	110.6290, 9.0750, 17.2590

Conversions

Conversions Part 2

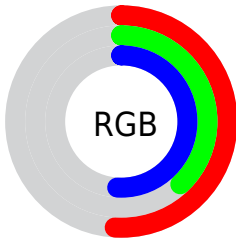
Format	Color
R_{YB}	130, 97, 130
Decimal	8544642
CIE _{Lab}	45.51, 19.39, -13.21
CIE _{LCh}	46, 23.458, 325.737
Yxy	14.9069, 0.3155, 0.2686
Android (android.graphics.Color)	4286734722 (0xFF826182)
YUV	110.6290, 9.5499, 16.9884
Hunter-Lab	38.6095, 13.3850, -8.4186

Details

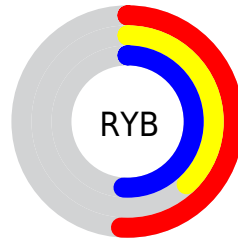
The Yxy color **14.9069, 0.3155, 0.2686** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **19.3784, 0.3095, 0.3978**, and the grayscale version is **15.7537, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.6660, 0.3149, 0.2823**, and **4.5808, 0.3145, 0.2427** is the 20% darker color. If you saturate the color by 10%, you get **12.6972, 0.3166, 0.2451**, and if you desaturate by 10%, it is **17.5118, 0.3144, 0.2926**.

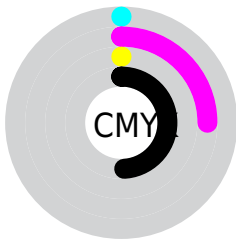
Distribution



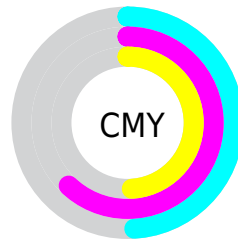
- Red (51%)
- Green (38%)
- Blue (51%)



- Red (51%)
- Yellow (38%)
- Blue (51%)



- Cyan (0%)
- Magenta (25%)
- Yellow (0%)
- Black (49%)




- Cyan (49%)
- Magenta (62%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.9069, 0.3155, 0.2686 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 14.9069, 0.3155, 0.2686 by changing the saturation by 10% instead.


 14.9069, 0.3155,
0.2686


 14.9069, 0.3155,
0.2686


222.8020, 0.3144,
0.3030


 8.7541, 0.3155,
0.2582


 34.6898, 0.3152,
0.2823


 4.5811, 0.3153,
0.2437


 49.0886, 0.3151,
0.2871

 2.0037, 0.3145,
0.2217

 67.0049, 0.3150,
0.2910

 0.6096, 0.3139,
0.1787

 88.8230, 0.3148,
0.2942

 0.0000, 0.0012,
0.0000

114.9274, 0.3147,
0.2969

 0.0000, 0.0000,
0.0000

145.7025, 0.3146,

0.2992

181.5325, 0.3145,
0.3013

■ 14.9069, 0.3155,
0.2686

■ 14.9069, 0.3155,
0.2686

■ 12.6972, 0.3166,
0.2451

■ 17.5118, 0.3144,
0.2926

■ 10.8616, 0.3176,
0.2228

■ 20.5278, 0.3133,
0.3164

■ 9.3799, 0.3185,
0.2027

■ 23.9723, 0.3122,
0.3395

■ 8.2293, 0.3193,
0.1855

■ 27.8611, 0.3112,
0.3614

■ 7.3845, 0.3199,
0.1719

■ 32.2093, 0.3103,
0.3819

6.8162, 0.3203,
0.1623

37.0313, 0.3094,
0.4009

6.4796, 0.3206,
0.1564

42.3406, 0.3086,
0.4183

6.3492, 0.3207,
0.1540

48.1505, 0.3078,
0.4341

54.4736, 0.3072,
0.4485

Harmonies

Analogous

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



14.9069, 0.2700, 0.2537



14.9069, 0.3155, 0.2686



14.9069, 0.3637, 0.2969

Triad

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



14.9069, 0.3155, 0.2686



14.9069, 0.3901, 0.4024



14.9069, 0.2334, 0.3150

Complementary

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



14.9069, 0.3155, 0.2686



19.3784, 0.3095, 0.3978

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.



14.9069, 0.2614, 0.3628



14.9069, 0.3155, 0.2686



14.9069, 0.3515, 0.4160

Square

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



14.9069, 0.3155, 0.2686



14.9069, 0.4082, 0.3712



14.9069, 0.3043, 0.4020



14.9069, 0.2254, 0.2765

Rectangle

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



14.9069, 0.3155, 0.2686



14.9069, 0.3894, 0.3206



14.9069, 0.3043, 0.4020



14.9069, 0.2406, 0.3306

Sweetspot

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



14.9076, 0.3155, 0.2686



34.5827, 0.3136, 0.3099



12.8063, 0.2712, 0.2614



7.6662, 0.3137, 0.3067



65.5931, 0.3127, 0.3290



8.8982, 0.3127, 0.3290

Same Dimension

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



14.9076, 0.3155, 0.2686



24.1024, 0.3161, 0.2560



14.5144, 0.3379, 0.2968



4.4122, 0.3137, 0.3077



6.0854, 0.3207, 0.1540



0.0000, 0.0000, 0.0000

Inverse Universe

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



14.1618, 0.3635, 0.3291



22.5747, 0.3780, 0.3291



19.7048, 0.2934, 0.3637



4.3443, 0.3278, 0.3290



4.5508, 0.6399, 0.3299



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the Yxy color 14.9069, 0.3155, 0.2686 looks on a white background.

Color Contrast Check

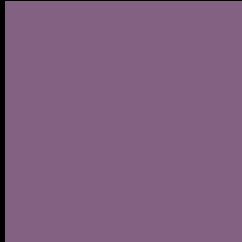
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.9069, 0.3155, 0.2686 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

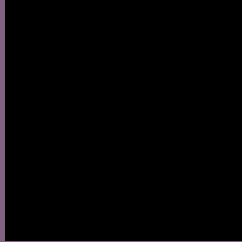
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 14.9069, 0.3155, 0.2686

Background



This preview shows how black text looks on a background with the Yxy color 14.9069, 0.3155, 0.2686.



This preview shows how white text looks on a background with the Yxy color 14.9069, 0.3155, 0.2686.

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

14.9069, 0.3155, 0.2686

Protanopia

15.0309, 0.2692, 0.2692

Deuteranopia

14.8498, 0.2884, 0.2830



Tritanopia

14.9235, 0.3397, 0.3136

Trichromacy



Original Color

14.9069, 0.3155, 0.2686

Protanomaly

14.8012, 0.2851, 0.2687

Deuteranomaly

14.8007, 0.2975, 0.2766

Tritanomaly

14.9879, 0.3301, 0.2968

Monochromacy



Original Color

14.9069, 0.3155, 0.2686

Achromatopsia

15.8961, 0.3127, 0.3290

Achromatomaly

15.4676, 0.3138, 0.3054

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.9069, 0.3155, 0.2686 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(130, 97, 130)` looks like.

```
.text, #text, p{  
    color:rgb(130, 97, 130)  
}
```

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(130, 97, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 97, 130) }
```

Border

The CSS property to change the border of an element to Yxy 14.9069, 0.3155, 0.2686 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(130, 97, 130) }
```

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

```
.border{ border-color:rgb(130, 97, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 97, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 97, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 97, 130);  
box-shadow:4px 4px 4px 4px rgb(130, 97,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 14.9069, 0.3155, 0.2686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 97, 130) }
```

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

```
.background{ background-color: rgb(130, 97,  
130) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor