

Converting Colors

$Y_{xy}(15.8617, 0.3136, 0.2716)$

Have a look what the booklet for
Yxy(15.8617, 0.3136, 0.2716)
contains.

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Color

Yxy(15.9063, 0.3140, 0.2714)

Conversions

Conversions Part 1

Format	Color
Hex	846585
RGB	132, 101, 133
RGB Percent	52%, 40%, 52%
CMY	0.4824, 0.6039, 0.4783
CMYK	0.01, 0.24, 0.00, 0.48
HSL	298°, 14%, 46%
HSV	298°, 24%, 52%
XYZ	18.4030, 15.9063, 24.2990
YIQ	113.9170, 8.2040, 16.5240

Conversions

Conversions Part 2

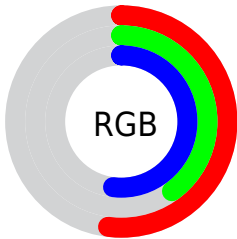
Format	Color
R_{YB}	132, 101, 133
Decimal	8676741
CIE _{Lab}	46.85, 18.35, -12.95
CIE _{LCh}	47, 22.457, 324.789
Yxy	15.9063, 0.3140, 0.2714
Android (android.graphics.Color)	4286866821 (0xFF846585)
YUV	113.9170, 9.4079, 15.8588
Hunter-Lab	39.8827, 12.5703, -8.2052

Details

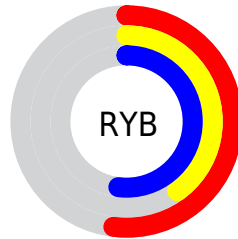
The Yxy color **15.9063, 0.3140, 0.2714** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **20.5483, 0.3108, 0.3937**, and the grayscale version is **16.7709, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.3159, 0.3138, 0.2842**, and **5.0567, 0.3142, 0.2498** is the 20% darker color. If you saturate the color by 10%, you get **13.4948, 0.3144, 0.2474**, and if you desaturate by 10%, it is **18.7374, 0.3135, 0.2957**.

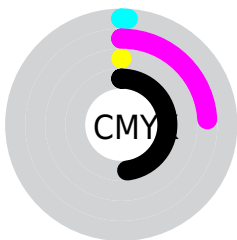
Distribution



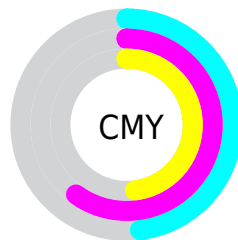
- Red (52%)
- Green (40%)
- Blue (52%)



- Red (52%)
- Yellow (40%)
- Blue (52%)



- Cyan (1%)
- Magenta (24%)
- Yellow (0%)
- Black (48%)





- Cyan (48%)
- Magenta (60%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.9063, 0.3140, 0.2714 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 15.9063, 0.3140, 0.2714 by changing the saturation by 10% instead.


 15.9063, 0.3140,
0.2714


 15.9063, 0.3140,
0.2714


228.7882, 0.3138,
0.3040


 9.4579, 0.3138,
0.2617


 36.4355, 0.3141,
0.2843


 5.0410, 0.3133,
0.2481


 51.2850, 0.3140,
0.2888

 2.2714, 0.3121,
0.2278

 69.7037, 0.3140,
0.2925

 0.7585, 0.3091,
0.1933

 92.0759, 0.3140,
0.2956

 0.0000, 0.1815,
0.0000

118.7861, 0.3139,
0.2982

 0.0000, 0.0000,
0.0000

150.2186, 0.3139,

0.3004

186.7578, 0.3138,
0.3023

■ 15.9063, 0.3140,
0.2714

■ 15.9063, 0.3140,
0.2714

■ 13.4948, 0.3144,
0.2474

■ 18.7374, 0.3135,
0.2957

■ 11.4809, 0.3147,
0.2245

■ 22.0049, 0.3130,
0.3195

■ 9.8434, 0.3148,
0.2035

■ 25.7270, 0.3124,
0.3425

■ 8.5586, 0.3147,
0.1854

■ 29.9203, 0.3117,
0.3642

■ 7.5998, 0.3145,
0.1707

■ 34.6007, 0.3111,
0.3844

■ 6.9369, 0.3140,
0.1599

■ 39.7832, 0.3105,
0.4031

■ 6.5311, 0.3135,
0.1531

■ 45.4822, 0.3099,
0.4202

■ 6.3400, 0.3131,
0.1498

■ 51.7115, 0.3094,
0.4358

■ 58.4845, 0.3088,
0.4499

Harmonies

Analogous

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



15.9063, 0.2715, 0.2578



15.9063, 0.3140, 0.2714



15.9063, 0.3592, 0.2979

Triad

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



15.9063, 0.3140, 0.2714



15.9063, 0.3863, 0.3974



15.9063, 0.2386, 0.3175

Complementary

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



15.9063, 0.3140, 0.2714



20.5483, 0.3108, 0.3937

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.



15.9063, 0.2657, 0.3620



15.9063, 0.3140, 0.2714



15.9063, 0.3507, 0.4103

Square

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



15.9063, 0.3140, 0.2714



15.9063, 0.4023, 0.3680



15.9063, 0.3064, 0.3979



15.9063, 0.2304, 0.2808

Rectangle

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



15.9063, 0.3140, 0.2714



15.9063, 0.3836, 0.3202



15.9063, 0.3064, 0.3979



15.9063, 0.2457, 0.3321

Sweetspot

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



15.9070, 0.3140, 0.2714



37.4992, 0.3131, 0.3122



13.9778, 0.2737, 0.2664



8.3872, 0.3132, 0.3112



67.3860, 0.3127, 0.3290



9.4630, 0.3127, 0.3290

Same Dimension

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



15.9070, 0.3140, 0.2714



25.9722, 0.3142, 0.2579



15.6066, 0.3356, 0.2975



4.7554, 0.3132, 0.3075



6.0373, 0.3131, 0.1498



0.0215, 0.3173, 0.1522

Inverse Universe

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



15.2567, 0.3588, 0.3272



24.5981, 0.3733, 0.3267



20.8083, 0.2948, 0.3628



4.6910, 0.3274, 0.3283



4.7590, 0.6349, 0.3271



0.0166, 0.6122, 0.3146

Previews

White Background



This preview shows how the Yxy color 15.9063, 0.3140, 0.2714 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 15.9063, 0.3140, 0.2714 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

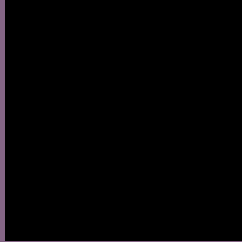
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.9063, 0.3140, 0.2714

Background



This preview shows how black text looks on a background with the Yxy color 15.9063, 0.3140, 0.2714.



This preview shows how white text looks on a background with the Yxy color 15.9063, 0.3140, 0.2714.

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

15.9063, 0.3140, 0.2714

Protanopia

15.9590, 0.2722, 0.2725

Deuteranopia

16.0480, 0.2891, 0.2844



Tritanopia

15.9625, 0.3360, 0.3139

Trichromacy



Original Color

15.9063, 0.3140, 0.2714

Protanomaly

15.8989, 0.2858, 0.2719

Deuteranomaly

15.8959, 0.2979, 0.2797

Tritanomaly

16.0025, 0.3281, 0.2992

Monochromacy



Original Color

15.9063, 0.3140, 0.2714

Achromatopsia

16.8269, 0.3127, 0.3290

Achromatomaly

16.3827, 0.3138, 0.3059

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.9063, 0.3140, 0.2714 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(132, 101, 133)` looks like.

```
.text, #text, p{  
    color:rgb(132, 101, 133)  
}
```

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(132, 101, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 101, 133) }
```

Border

The CSS property to change the border of an element to Yxy 15.9063, 0.3140, 0.2714 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(132, 101, 133) }
```

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

```
.border{ border-color:rgb(132, 101, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 101, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 101, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 101, 133);  
box-shadow:4px 4px 4px 4px rgb(132, 101,  
133) }
```


Background

The CSS property to change the background color of an element to Yxy 15.9063, 0.3140, 0.2714 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 101, 133) }
```

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

```
.background{ background-color: rgb(132,  
101, 133) }
```

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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