

Converting Colors

$Y_{xy}(17.7248, 0.3151, 0.2908)$

Have a look what the booklet for
Yxy(17.7248, 0.3151, 0.2908)
contains.

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Color

Yxy(17.6961, 0.3158, 0.2912)

Conversions

Conversions Part 1

Format	Color
Hex	846E83
RGB	132, 110, 131
RGB Percent	52%, 43%, 51%
CMY	0.4823, 0.5686, 0.4862
CMYK	0.00, 0.17, 0.01, 0.48
HSL	303°, 9%, 47%
HSV	303°, 17%, 52%
XYZ	19.1910, 17.6961, 23.8824
YIQ	118.9720, 6.3710, 11.1950

Conversions

Conversions Part 2

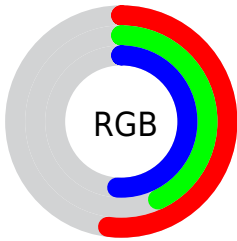
Format	Color
R_{YB}	132, 110, 131
Decimal	8679043
CIE _{Lab}	49.13, 12.62, -8.33
CIE _{LCh}	49, 15.119, 326.566
Yxy	17.6961, 0.3158, 0.2912
Android (android.graphics.Color)	4286869123 (0xFF846E83)
YUV	118.9720, 5.9298, 11.4256
Hunter-Lab	42.0667, 7.8157, -4.2139

Details

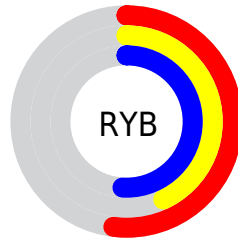
The Yxy color **17.6961, 0.3158, 0.2912** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **20.9693, 0.3097, 0.3699**, and the grayscale version is **18.4189, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.6156, 0.3150, 0.3001**, and **5.8483, 0.3153, 0.2742** is the 20% darker color. If you saturate the color by 10%, you get **15.0411, 0.3178, 0.2681**, and if you desaturate by 10%, it is **20.7772, 0.3139, 0.3141**.

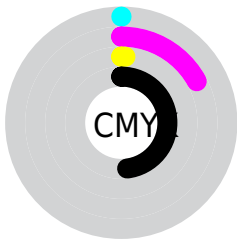
Distribution



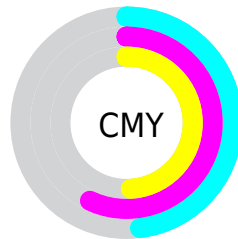
- Red (52%)
- Green (43%)
- Blue (51%)



- Red (52%)
- Yellow (43%)
- Blue (51%)



- Cyan (0%)
- Magenta (17%)
- Yellow (1%)
- Black (48%)





- Cyan (48%)
- Magenta (57%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.6961, 0.3158, 0.2912 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 17.6961, 0.3158, 0.2912 by changing the saturation by 10% instead.


 17.6961, 0.3158,
0.2912


 17.6961, 0.3158,
0.2912


239.1525, 0.3142,
0.3126


 10.7320, 0.3162,
0.2848


 39.5188, 0.3152,
0.2997


 5.8869, 0.3166,
0.2759


 55.1462, 0.3150,
0.3026

 2.7765, 0.3171,
0.2624

 74.4302, 0.3149,
0.3051

 1.0162, 0.3174,
0.2399

 97.7552, 0.3147,
0.3071

 0.0000, 0.3117,
0.0000

125.5055, 0.3146,
0.3088

 0.0000, 0.0000,
0.0000

158.0655, 0.3144,

0.3102

195.8197, 0.3143,
0.3115

■ 17.6961, 0.3158,
0.2912

■ 17.6961, 0.3158,
0.2912

■ 15.0411, 0.3178,
0.2681

■ 20.7772, 0.3139,
0.3141

■ 12.7912, 0.3200,
0.2455

■ 24.2996, 0.3122,
0.3362

■ 10.9270, 0.3222,
0.2241

■ 28.2806, 0.3106,
0.3573

■ 9.4267, 0.3244,
0.2048

■ 32.7359, 0.3092,
0.3770

■ 8.2663, 0.3265,
0.1885

■ 37.6806, 0.3079,
0.3953

■ 7.4189, 0.3284,
0.1758

■ 43.1288, 0.3068,
0.4121

■ 6.8537, 0.3302,
0.1671

■ 49.0944, 0.3058,
0.4275

■ 6.5140, 0.3318,
0.1619

■ 55.5905, 0.3050,
0.4415

■ 6.4137, 0.3323,
0.1604

■ 62.6298, 0.3042,
0.4541

Harmonies

Analogous

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



17.6961, 0.2874, 0.2815



17.6961, 0.3158, 0.2912



17.6961, 0.3446, 0.3098

Triad

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



17.6961, 0.3158, 0.2912



17.6961, 0.3600, 0.3751



17.6961, 0.2629, 0.3208

Complementary

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



17.6961, 0.3158, 0.2912



20.9693, 0.3097, 0.3699

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.



17.6961, 0.2808, 0.3487



17.6961, 0.3158, 0.2912



17.6961, 0.3366, 0.3810

Square

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



17.6961, 0.3158, 0.2912



17.6961, 0.3707, 0.3573



17.6961, 0.3076, 0.3715



17.6961, 0.2579, 0.2970

Rectangle

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



17.6961, 0.3158, 0.2912



17.6961, 0.3596, 0.3254



17.6961, 0.3076, 0.3715



17.6961, 0.2676, 0.3300

Sweetspot

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



17.6969, 0.3158, 0.2912



37.5100, 0.3136, 0.3176



16.1793, 0.2876, 0.2861



8.6504, 0.3137, 0.3163



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.



17.6969, 0.3158, 0.2912



29.3173, 0.3166, 0.2825



17.4204, 0.3294, 0.3102



4.7593, 0.3144, 0.3085



6.2086, 0.3323, 0.1604



0.0218, 0.3261, 0.1570

Inverse Universe

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



17.6969, 0.3158, 0.2912



29.3173, 0.3166, 0.2825



21.2204, 0.2987, 0.3486



4.7593, 0.3144, 0.3085



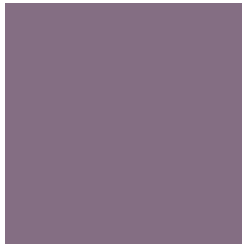
6.2086, 0.3323, 0.1604



0.0218, 0.3261, 0.1570

Previews

White Background



This preview shows how the Yxy color 17.6961, 0.3158, 0.2912 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 17.6961, 0.3158, 0.2912 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

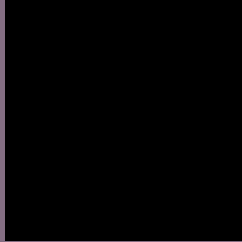
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 17.6961, 0.3158, 0.2912

Background



This preview shows how black text looks on a background with the Yxy color 17.6961, 0.3158, 0.2912.



This preview shows how white text looks on a background with the Yxy color 17.6961, 0.3158, 0.2912.

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

17.6961, 0.3158, 0.2912

Protanopia

17.8175, 0.2887, 0.2930

Deuteranopia

17.7839, 0.3040, 0.2991



Tritanopia

17.7941, 0.3267, 0.3125

Trichromacy



Original Color

17.6961, 0.3158, 0.2912

Protanomaly

17.8208, 0.2982, 0.2919

Deuteranomaly

17.8576, 0.3091, 0.2977

Tritanomaly

17.6748, 0.3218, 0.3034

Monochromacy



Original Color

17.6961, 0.3158, 0.2912

Achromatopsia

18.4475, 0.3127, 0.3290

Achromatomaly

18.2059, 0.3146, 0.3159

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.6961, 0.3158, 0.2912 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, 110, 131)` looks like.

```
.text, #text, p{  
    color:rgb(132, 110, 131)  
}
```

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, 110, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 110, 131) }
```

Border

The CSS property to change the border of an element to Yxy 17.6961, 0.3158, 0.2912 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, 110, 131) }
```

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

```
.border{ border-color:rgb(132, 110, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 110, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 110, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 110, 131);  
box-shadow:4px 4px 4px 4px rgb(132, 110,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 17.6961, 0.3158, 0.2912 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 110, 131) }
```

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

```
.background{ background-color: rgb(132,  
110, 131) }
```

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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