

Converting Colors

$Y_{xy}(15.3197, 0.2882, 0.2373)$

Have a look what the booklet for
Yxy(15.3197, 0.2882, 0.2373)
contains.

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Color

Yxy(15.3406, 0.2881, 0.2365)

Conversions

Conversions Part 1

Format	Color
Hex	806196
RGB	128, 97, 150
RGB Percent	50%, 38%, 59%
CMY	0.4979, 0.6197, 0.4117
CMYK	0.15, 0.35, 0.00, 0.41
HSL	275°, 21%, 48%
HSV	275°, 35%, 59%
XYZ	18.6876, 15.3406, 30.8369
YIQ	112.3110, 1.4630, 23.0550

Conversions

Conversions Part 2

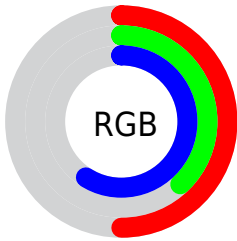
Format	Color
R_{YB}	128, 97, 150
Decimal	8413590
CIE _{Lab}	46.10, 23.08, -24.28
CIE _{LCh}	46, 33.499, 313.555
Yxy	15.3406, 0.2881, 0.2365
Android (android.graphics.Color)	4286603670 (0xFF806196)
YUV	112.3110, 18.5807, 13.7593
Hunter-Lab	39.1671, 16.6246, -19.2630

Details

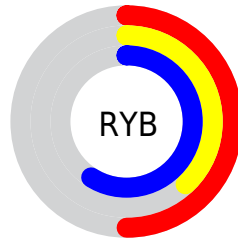
The Yxy color **15.3406, 0.2881, 0.2365** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **26.5993, 0.3301, 0.4248**, and the grayscale version is **16.2445, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.4845, 0.2953, 0.2570**, and **4.8018, 0.2755, 0.2024** is the 20% darker color. If you saturate the color by 10%, you get **12.3593, 0.2788, 0.2086**, and if you desaturate by 10%, it is **18.8769, 0.2964, 0.2642**.

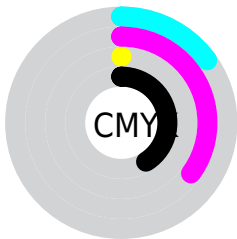
Distribution



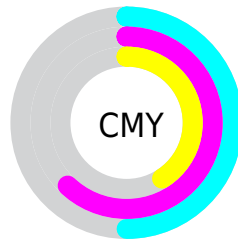
- Red (50%)
- Green (38%)
- Blue (59%)



- Red (50%)
- Yellow (38%)
- Blue (59%)



- Cyan (15%)
- Magenta (35%)
- Yellow (0%)
- Black (41%)



- Cyan (50%)
- Magenta (62%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 15.3406, 0.2881, 0.2365 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 15.3406, 0.2881, 0.2365 by changing the saturation by 10% instead.


 15.3406, 0.2881,
0.2365


 15.3406, 0.2881,
0.2365


225.4186, 0.3035,
0.2878


 9.0588, 0.2829,
0.2219


 35.4496, 0.2946,
0.2564


 4.7795, 0.2751,
0.2021


 50.0456, 0.2968,
0.2635

 2.1185, 0.2625,
0.1738

 68.1817, 0.2985,
0.2694

 0.6750, 0.2405,
0.1289

 90.2424, 0.2999,
0.2743

 0.0000, 0.1088,
0.0000

116.6120, 0.3010,
0.2784

 0.0000, 0.0000,
0.0000

147.6750, 0.3020,

0.2820

183.8157, 0.3028,
0.2851

■ 15.3406, 0.2881,
0.2365

■ 15.3406, 0.2881,
0.2365

■ 12.3593, 0.2788,
0.2086

■ 18.8769, 0.2964,
0.2642

■ 9.9009, 0.2687,
0.1815

■ 22.9942, 0.3036,
0.2910

■ 7.9331, 0.2580,
0.1564


■ 27.7190, 0.3098,
0.3162

■ 6.4186, 0.2471,
0.1346


■ 33.0756, 0.3150,
0.3396


■ 5.3151, 0.2363,
0.1172


■ 39.0870, 0.3194,
0.3611


 4.5656, 0.2261,
0.1046

 45.7749, 0.3231,
0.3806

 4.2707, 0.2215,
0.0994

 53.1603, 0.3261,
0.3981

 61.2628, 0.3285,
0.4139

 70.1017, 0.3305,
0.4281

Harmonies

Analogous

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



15.3406, 0.2328, 0.2246



15.3406, 0.2881, 0.2365



15.3406, 0.3571, 0.2674

Triad

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



15.3406, 0.2881, 0.2365



15.3406, 0.4345, 0.4118



15.3406, 0.2154, 0.3344

Complementary

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



15.3406, 0.2881, 0.2365



26.5993, 0.3301, 0.4248

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.



15.3406, 0.2620, 0.4045



15.3406, 0.2881, 0.2365



15.3406, 0.3887, 0.4472

Square

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



15.3406, 0.2881, 0.2365



15.3406, 0.4470, 0.3625



15.3406, 0.3254, 0.4487



15.3406, 0.1947, 0.2725

Rectangle

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



15.3406, 0.2881, 0.2365



15.3406, 0.4003, 0.2959



15.3406, 0.3254, 0.4487



15.3406, 0.2283, 0.3584

Sweetspot

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



15.3412, 0.2881, 0.2365



43.8852, 0.3063, 0.3016



17.9555, 0.2565, 0.2703



9.5079, 0.3055, 0.2986



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



15.3412, 0.2881, 0.2365



23.0454, 0.2813, 0.2156



17.0944, 0.3224, 0.2504



5.7906, 0.3075, 0.3067



3.5603, 0.2222, 0.0998



0.0609, 0.2670, 0.1245

Inverse Universe

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



16.3624, 0.3599, 0.2918



25.1998, 0.3743, 0.2838



25.3058, 0.3042, 0.4228



5.8529, 0.3221, 0.3199



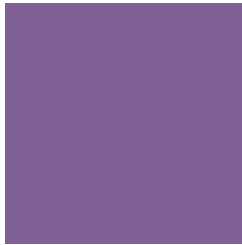
5.6736, 0.5262, 0.2673



0.0751, 0.4263, 0.2122

Previews

White Background



This preview shows how the Yxy color 15.3406, 0.2881, 0.2365 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 15.3406, 0.2881, 0.2365 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

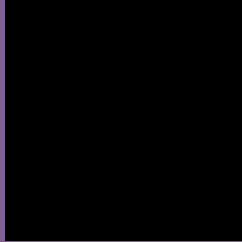
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.3406, 0.2881, 0.2365

Background



This preview shows how black text looks on a background with the Yxy color 15.3406, 0.2881, 0.2365.



This preview shows how white text looks on a background with the Yxy color 15.3406, 0.2881, 0.2365.

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

15.3406, 0.2881, 0.2365

Protanopia

15.5209, 0.2429, 0.2349

Deuteranopia

15.4599, 0.2565, 0.2519



Tritanopia

15.4330, 0.3261, 0.3134

Trichromacy



Original Color

15.3406, 0.2881, 0.2365

Protanomaly

15.3314, 0.2577, 0.2351

Deuteranomaly

15.3218, 0.2668, 0.2451

Tritanomaly

15.2942, 0.3121, 0.2836

Monochromacy



Original Color

15.3406, 0.2881, 0.2365

Achromatopsia

16.2029, 0.3127, 0.3290

Achromatomaly

15.8733, 0.3038, 0.2923

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.3406, 0.2881, 0.2365 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(128, 97, 150)` looks like.

```
.text, #text, p{  
    color:rgb(128, 97, 150)  
}
```

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(128, 97, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 97, 150) }
```

Border

The CSS property to change the border of an element to Yxy 15.3406, 0.2881, 0.2365 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(128, 97, 150) }
```

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

```
.border{ border-color:rgb(128, 97, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 97, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 97, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 97, 150);  
box-shadow:4px 4px 4px 4px rgb(128, 97,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 15.3406, 0.2881, 0.2365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 97, 150) }
```

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

```
.background{ background-color: rgb(128, 97,  
150) }
```

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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