

Converting Colors

$Yxy(15.9342, 0.3005, 0.2766)$

Have a look what the booklet for
Yxy(15.9342, 0.3005, 0.2766)
contains.

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Color

Yxy(15.9342, 0.3005, 0.2766)

Conversions

Conversions Part 1

Format	Color
Hex	7A6985
RGB	122, 105, 133
RGB Percent	48%, 41%, 52%
CMY	0.5216, 0.5882, 0.4783
CMYK	0.08, 0.21, 0.00, 0.48
HSL	276°, 12%, 47%
HSV	276°, 21%, 52%
XYZ	17.3110, 15.9342, 24.3622
YIQ	113.2750, 1.1440, 12.3120

Conversions

Conversions Part 2

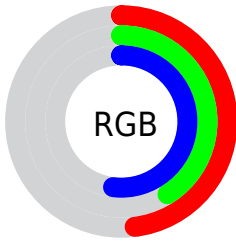
Format	Color
R_{YB}	122, 105, 133
Decimal	8022405
CIE _{Lab}	46.89, 12.35, -12.99
CIE _{LCh}	47, 17.925, 313.557
Yxy	15.9342, 0.3005, 0.2766
Android (android.graphics.Color)	4286212485 (0xFF7A6985)
YUV	113.2750, 9.7244, 7.6518
Hunter-Lab	39.9177, 7.5538, -8.2429

Details

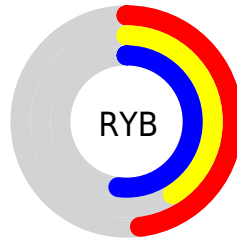
The Yxy color $15.9342, 0.3005, 0.2766$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $21.5178, 0.3228, 0.3827$, and the grayscale version is $16.5699, 0.3127, 0.3290$.

A 20% lighter version of the original color is $36.4361, 0.3042, 0.2884$, and $5.0671, 0.2949, 0.2566$ is the 20% darker color. If you saturate the color by 10%, you get $13.0613, 0.2932, 0.2497$, and if you desaturate by 10%, it is $19.2530, 0.3068, 0.3024$.

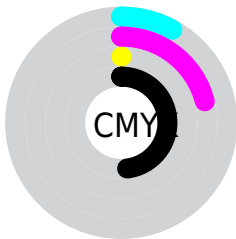
Distribution



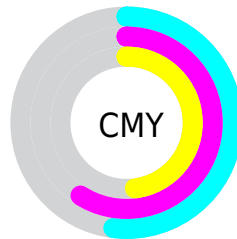
- Red (48%)
- Green (41%)
- Blue (52%)



- Red (48%)
- Yellow (41%)
- Blue (52%)



- Cyan (8%)
- Magenta (21%)
- Yellow (0%)
- Black (48%)



- Cyan (52%)
- Magenta (59%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 15.9342, 0.3005, 0.2766 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 15.9342, 0.3005, 0.2766 by changing the saturation by 10% instead.


 15.9342, 0.3005,
0.2766


 15.9342, 0.3005,
0.2766


228.9531, 0.3080,
0.3065


 9.4776, 0.2980,
0.2676


 36.4839, 0.3037,
0.2885


 5.0540, 0.2941,
0.2549

 51.3459, 0.3047,
0.2927

 2.2790, 0.2878,
0.2357

 69.7784, 0.3055,
0.2960

 0.7625, 0.2761,
0.2024

 92.1658, 0.3062,
0.2988

 0.0000, 0.0000,
0.0000

118.8926, 0.3068,
0.3012

150.3432, 0.3072,

0.3032

186.9019, 0.3076,
0.3050

■ 15.9342, 0.3005,
0.2766

■ 15.9342, 0.3005,
0.2766

■ 13.0613, 0.2932,
0.2497

■ 19.2530, 0.3068,
0.3024

■ 10.6123, 0.2850,
0.2222

■ 23.0343, 0.3122,
0.3265

■ 8.5664, 0.2759,
0.1952

■ 27.2965, 0.3167,
0.3489

■ 6.9000, 0.2660,
0.1696

■ 32.0562, 0.3205,
0.3693

■ 5.5872, 0.2558,
0.1467

■ 37.3293, 0.3236,
0.3879

■ 4.5986, 0.2455,
0.1275

■ 43.1308, 0.3262,
0.4047

■ 3.8999, 0.2355,
0.1128

■ 49.4754, 0.3282,
0.4197

■ 3.4267, 0.2269,
0.1023

■ 56.3769, 0.3299,
0.4333

■ 63.8488, 0.3312,
0.4454

Harmonies

Analogous

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



15.9342, 0.2692, 0.2704



15.9342, 0.3005, 0.2766



15.9342, 0.3370, 0.2948

Triad

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



15.9342, 0.3005, 0.2766



15.9342, 0.3787, 0.3769



15.9342, 0.2596, 0.3334

Complementary

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



15.9342, 0.3005, 0.2766



21.5178, 0.3228, 0.3827

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.



15.9342, 0.2867, 0.3671



15.9342, 0.3005, 0.2766



15.9342, 0.3556, 0.3921

Square

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



15.9342, 0.3005, 0.2766



15.9342, 0.3836, 0.3507



15.9342, 0.3217, 0.3893



15.9342, 0.2467, 0.3007

Rectangle

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



15.9342, 0.3005, 0.2766



15.9342, 0.3590, 0.3118



15.9342, 0.3217, 0.3893



15.9342, 0.2673, 0.3452

Sweetspot

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



15.9349, 0.3005, 0.2766



37.6940, 0.3096, 0.3145



17.2376, 0.2804, 0.2960



8.4125, 0.3093, 0.3132



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.



15.9349, 0.3005, 0.2766



26.1113, 0.2973, 0.2646



16.7104, 0.3186, 0.2836



4.6737, 0.3079, 0.3072



3.2675, 0.2271, 0.1024



0.0156, 0.2701, 0.1262

Inverse Universe

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



16.3547, 0.3375, 0.3086



27.0191, 0.3442, 0.3040



20.8639, 0.3073, 0.3790



4.7169, 0.3222, 0.3205



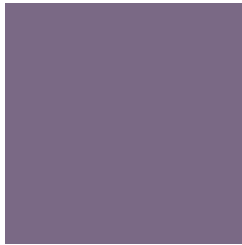
4.9909, 0.5331, 0.2711



0.0187, 0.4324, 0.2155

Previews

White Background



This preview shows how the Yxy color 15.9342, 0.3005, 0.2766 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 15.9342, 0.3005, 0.2766 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

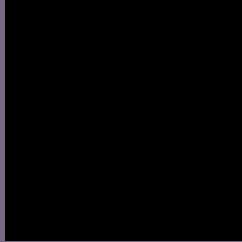
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.9342, 0.3005, 0.2766

Background



This preview shows how black text looks on a background with the Yxy color 15.9342, 0.3005, 0.2766.



This preview shows how white text looks on a background with the Yxy color 15.9342, 0.3005, 0.2766.

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

15.9342, 0.3005, 0.2766

Protanopia

15.9613, 0.2754, 0.2762

Deuteranopia

16.0480, 0.2891, 0.2844



Tritanopia

15.9080, 0.3175, 0.3133

Trichromacy



Original Color

15.9342, 0.3005, 0.2766

Protanomaly

15.8822, 0.2834, 0.2751

Deuteranomaly

16.1041, 0.2941, 0.2831

Tritanomaly

15.9136, 0.3114, 0.3000

Monochromacy



Original Color

15.9342, 0.3005, 0.2766

Achromatopsia

16.5132, 0.3127, 0.3290

Achromatomaly

16.2209, 0.3083, 0.3093

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.9342, 0.3005, 0.2766 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(122, 105, 133)` looks like.

```
.text, #text, p{  
    color:rgb(122, 105, 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(122, 105, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 105, 133) }
```

Border

The CSS property to change the border of an element to Yxy 15.9342, 0.3005, 0.2766 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(122, 105, 133) }
```

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

```
.border{ border-color:rgb(122, 105, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 105, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 105, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 105, 133);  
box-shadow:4px 4px 4px 4px rgb(122, 105,  
133) }
```


Background

The CSS property to change the background color of an element to Yxy 15.9342, 0.3005, 0.2766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 105, 133) }
```

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

```
.background{ background-color: rgb(122,  
105, 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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