

Converting Colors

$Y_{xy}(11.2510, 0.3105, 0.2574)$

Have a look what the booklet for
Yxy(11.2510, 0.3105, 0.2574)
contains.

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Color

Yxy(11.1633, 0.3098, 0.2563)

Conversions

Conversions Part 1

Format	Color
Hex	735377
RGB	115, 83, 119
RGB Percent	45%, 33%, 47%
CMY	0.5490, 0.6745, 0.5333
CMYK	0.03, 0.30, 0.00, 0.53
HSL	293°, 18%, 40%
HSV	293°, 30%, 47%
XYZ	13.4935, 11.1633, 18.8988
YIQ	96.6720, 7.5160, 17.9800

Conversions

Conversions Part 2

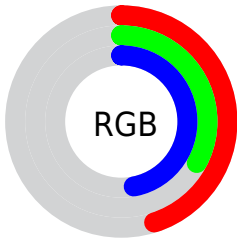
Format	Color
R_{YB}	115, 83, 119
Decimal	7558007
CIE _{Lab}	39.85, 20.08, -15.26
CIE _{LCh}	40, 25.226, 322.767
Yxy	11.1633, 0.3098, 0.2563
Android (android.graphics.Color)	4285748087 (0xFF735377)
YUV	96.6720, 11.0077, 16.0737
Hunter-Lab	33.4115, 13.6186, -10.1485

Details

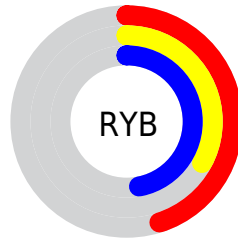
The Yxy color **11.1633, 0.3098, 0.2563** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **15.8470, 0.3137, 0.4111**, and the grayscale version is **11.8410, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.9308, 0.3110, 0.2742**, and **2.9236, 0.3068, 0.2234** is the 20% darker color. If you saturate the color by 10%, you get **9.4071, 0.3083, 0.2322**, and if you desaturate by 10%, it is **13.2344, 0.3110, 0.2808**.

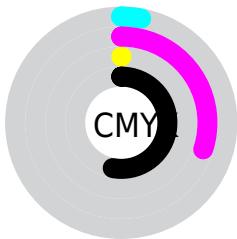
Distribution



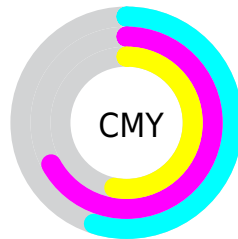
- Red (45%)
- Green (33%)
- Blue (47%)



- Red (45%)
- Yellow (33%)
- Blue (47%)



- Cyan (3%)
- Magenta (30%)
- Yellow (0%)
- Black (53%)





- Cyan (55%)
- Magenta (67%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.1633, 0.3098, 0.2563 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 11.1633, 0.3098, 0.2563 by changing the saturation by 10% instead.


 11.1633, 0.3098,
0.2563

 11.1633, 0.3098,
0.2563


198.7845, 0.3124,
0.2991


 6.1768, 0.3084,
0.2427


 27.9617, 0.3112,
0.2738


 2.9529, 0.3059,
0.2231

 40.5425, 0.3115,
0.2797


 1.1072, 0.3007,
0.1924

 56.4234, 0.3118,
0.2845

 0.0000, 0.3110,
0.0000

 75.9888, 0.3120,
0.2884

 0.0000, 0.0000,
0.0000

 99.6233, 0.3121,
0.2917

127.7111, 0.3122,

0.2945

160.6367, 0.3123,
0.2970

■ 11.1633, 0.3098,
0.2563

■ 11.1633, 0.3098,
0.2563

■ 9.4071, 0.3083,
0.2322

■ 13.2344, 0.3110,
0.2808

■ 7.9484, 0.3064,
0.2094

■ 15.6337, 0.3120,
0.3050

■ 6.7703, 0.3043,
0.1887

■ 18.3757, 0.3127,
0.3284

■ 5.8535, 0.3020,
0.1710

■ 21.4735, 0.3132,
0.3506

■ 5.1766, 0.2994,
0.1569

■ 24.9394, 0.3135,
0.3714

■ 4.7143, 0.2967,
0.1468

■ 28.7852, 0.3137,
0.3906

■ 4.3815, 0.2941,
0.1394

■ 33.0223, 0.3137,
0.4082

■ 37.6614, 0.3136,
0.4243

■ 42.7129, 0.3135,
0.4389

Harmonies

Analogous

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



11.1633, 0.2578, 0.2407



11.1633, 0.3098, 0.2563



11.1633, 0.3676, 0.2874

Triad

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



11.1633, 0.3098, 0.2563



11.1633, 0.4068, 0.4115



11.1633, 0.2221, 0.3169

Complementary

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



11.1633, 0.3098, 0.2563



15.8470, 0.3137, 0.4111

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.



11.1633, 0.2563, 0.3748



11.1633, 0.3098, 0.2563



11.1633, 0.3627, 0.4320

Square

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



11.1633, 0.3098, 0.2563



11.1633, 0.4260, 0.3728



11.1633, 0.3074, 0.4200



11.1633, 0.2109, 0.2701

Rectangle

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



11.1633, 0.3098, 0.2563



11.1633, 0.3998, 0.3142



11.1633, 0.3074, 0.4200



11.1633, 0.2311, 0.3359

Sweetspot

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



11.1638, 0.3098, 0.2563



28.4668, 0.3121, 0.3075



10.0205, 0.2634, 0.2557



6.6132, 0.3120, 0.3046



62.0916, 0.3127, 0.3290



7.8288, 0.3127, 0.3290

Same Dimension

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



11.1638, 0.3098, 0.2563



17.8330, 0.3088, 0.2402



11.1336, 0.3378, 0.2835



3.7382, 0.3121, 0.3080



4.6519, 0.2940, 0.1393



22.4376, 0.2925, 0.1385

Inverse Universe

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



10.7977, 0.3690, 0.3207



17.0879, 0.3867, 0.3188



15.8942, 0.2940, 0.3794



3.7069, 0.3260, 0.3267



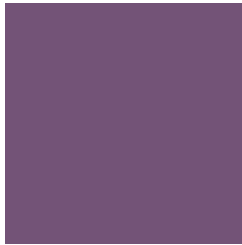
4.1975, 0.6210, 0.3195



20.3885, 0.6293, 0.3240

Previews

White Background



This preview shows how the Yxy color 11.1633, 0.3098, 0.2563 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 11.1633, 0.3098, 0.2563 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 11.1633, 0.3098, 0.2563

Background



This preview shows how black text looks on a background with the Yxy color 11.1633, 0.3098, 0.2563.



This preview shows how white text looks on a background with the Yxy color 11.1633, 0.3098, 0.2563.

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

11.1633, 0.3098, 0.2563

Protanopia

11.2664, 0.2597, 0.2560

Deuteranopia

11.1628, 0.2776, 0.2729



Tritanopia

11.2504, 0.3414, 0.3139

Trichromacy



Original Color

11.1633, 0.3098, 0.2563

Protanomaly

11.0616, 0.2766, 0.2556

Deuteranomaly

11.1621, 0.2886, 0.2663

Tritanomaly

11.1658, 0.3292, 0.2909

Monochromacy



Original Color

11.1633, 0.3098, 0.2563

Achromatopsia

11.9538, 0.3127, 0.3290

Achromatomaly

11.6173, 0.3125, 0.3004

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.1633, 0.3098, 0.2563 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(115, 83, 119)` looks like.

```
.text, #text, p{  
  color:rgb(115, 83, 119)  
}
```

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(115, 83, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 83, 119) }
```

Border

The CSS property to change the border of an element to Yxy 11.1633, 0.3098, 0.2563 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(115, 83, 119) }
```

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

```
.border{ border-color:rgb(115, 83, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 83, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 83, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 83, 119);  
box-shadow:4px 4px 4px 4px rgb(115, 83,  
119) }
```


Background

The CSS property to change the background color of an element to Yxy 11.1633, 0.3098, 0.2563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 83, 119) }
```

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

```
.background{ background-color: rgb(115, 83,  
119) }
```

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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