

Converting Colors

$Y_{xy}(15.7312, 0.3390, 0.2607)$

Have a look what the booklet for
Yxy(15.7312, 0.3390, 0.2607)
contains.

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Color

Yxy(15.7373, 0.3390, 0.2608)

Conversions

Conversions Part 1

Format	Color
Hex	955C85
RGB	149, 92, 133
RGB Percent	58%, 36%, 52%
CMY	0.4157, 0.6392, 0.4784
CMYK	0.00, 0.38, 0.11, 0.42
HSL	317°, 24%, 47%
HSV	317°, 38%, 58%
XYZ	20.4561, 15.7373, 24.1490
YIQ	113.7170, 20.8110, 24.8350

Conversions

Conversions Part 2

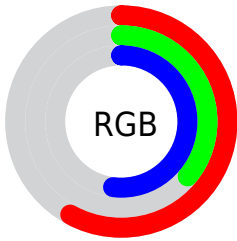
Format	Color
R_{YB}	149, 92, 133
Decimal	9788549
CIE _{Lab}	46.63, 29.69, -13.08
CIE _{LCh}	47, 32.446, 336.219
Yxy	15.7373, 0.3390, 0.2608
Android (android.graphics.Color)	4287978629 (0xFF955C85)
YUV	113.7170, 9.5065, 30.9432
Hunter-Lab	39.6703, 22.6210, -8.3232

Details

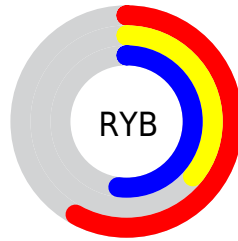
The Yxy color **15.7373, 0.3390, 0.2608** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **24.8556, 0.2940, 0.4090**, and the grayscale version is **16.7049, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.0275, 0.3334, 0.2756**, and **4.9673, 0.3501, 0.2353** is the 20% darker color. If you saturate the color by 10%, you get **13.2920, 0.3483, 0.2436**, and if you desaturate by 10%, it is **18.6964, 0.3307, 0.2789**.

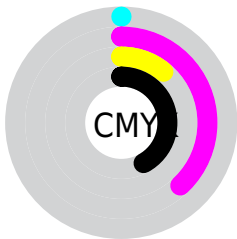
Distribution



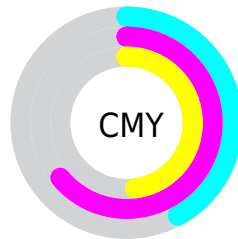
- Red (58%)
- Green (36%)
- Blue (52%)



- Red (58%)
- Yellow (36%)
- Blue (52%)



- Cyan (0%)
- Magenta (38%)
- Yellow (11%)
- Black (42%)




- Cyan (42%)
- Magenta (64%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 15.7373, 0.3390, 0.2608 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 15.7373, 0.3390, 0.2608 by changing the saturation by 10% instead.


 15.7373, 0.3390,
0.2608


 15.7373, 0.3390,
0.2608


227.7866, 0.3244,
0.2990


 9.3385, 0.3432,
0.2496


 36.1415, 0.3333,
0.2758


 4.9626, 0.3489,
0.2342


 50.9157, 0.3313,
0.2811

 2.2253, 0.3572,
0.2115

 69.2505, 0.3297,
0.2854

 0.7338, 0.3707,
0.1737

 91.5302, 0.3283,
0.2890

 0.0000, 0.4213,
0.0000

118.1393, 0.3271,
0.2921

 0.0000, 0.0000,
0.0000

149.4621, 0.3261,

0.2947

185.8830, 0.3252,
0.2970

■ 15.7373, 0.3390,
0.2608

■ 15.7373, 0.3390,
0.2608

■ 13.2920, 0.3483,
0.2436

■ 18.6964, 0.3307,
0.2789

■ 11.3284, 0.3586,
0.2281

■ 22.1948, 0.3234,
0.2971

■ 9.8141, 0.3695,
0.2153


■ 26.2585, 0.3172,
0.3149

■ 8.7119, 0.3809,
0.2063

■ 30.9117, 0.3118,
0.3319

■ 7.9783, 0.3924,
0.2016


■ 36.1768, 0.3073,
0.3480

 7.5270, 0.4037,
0.2009

 42.0752, 0.3035,
0.3630

 7.4553, 0.4057,
0.2009

 48.6271, 0.3003,
0.3768

 55.8521, 0.2976,
0.3896

 63.7686, 0.2954,
0.4013

Harmonies

Analogous

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



15.7373, 0.2744, 0.2350



15.7373, 0.3390, 0.2608



15.7373, 0.4017, 0.3013

Triad

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



15.7373, 0.3390, 0.2608



15.7373, 0.3992, 0.4368



15.7373, 0.2013, 0.2875

Complementary

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



15.7373, 0.3390, 0.2608



24.8556, 0.2940, 0.4090

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.



15.7373, 0.2279, 0.3512



15.7373, 0.3390, 0.2608



15.7373, 0.3409, 0.4473

Square

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



15.7373, 0.3390, 0.2608



15.7373, 0.4364, 0.3983



15.7373, 0.2781, 0.4151



15.7373, 0.2009, 0.2454

Rectangle

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



15.7373, 0.3390, 0.2608



15.7373, 0.4304, 0.3331



15.7373, 0.2781, 0.4151



15.7373, 0.2072, 0.3070

Sweetspot

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



15.7380, 0.3390, 0.2608



44.7545, 0.3189, 0.3096



12.9628, 0.2625, 0.2218



9.7204, 0.3197, 0.3075



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.



15.7380, 0.3390, 0.2608



24.3310, 0.3470, 0.2458



15.0707, 0.3817, 0.3062



5.8817, 0.3177, 0.3132



6.2791, 0.4050, 0.2005



0.0819, 0.3592, 0.1752

Inverse Universe

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



15.7380, 0.3390, 0.2608



24.3310, 0.3470, 0.2458



25.5419, 0.2712, 0.3537



5.8817, 0.3177, 0.3132



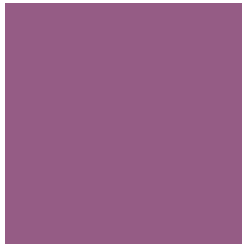
6.2791, 0.4050, 0.2005



0.0819, 0.3592, 0.1752

Previews

White Background



This preview shows how the Yxy color 15.7373, 0.3390, 0.2608 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 15.7373, 0.3390, 0.2608 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

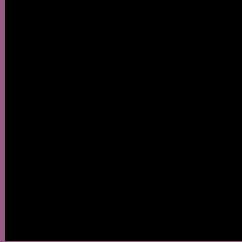
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.7373, 0.3390, 0.2608

Background



This preview shows how black text looks on a background with the Yxy color 15.7373, 0.3390, 0.2608.



This preview shows how white text looks on a background with the Yxy color 15.7373, 0.3390, 0.2608.

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

15.7373, 0.3390, 0.2608

Protanopia

15.9629, 0.2630, 0.2615

Deuteranopia

15.7816, 0.2913, 0.2860



Tritanopia

15.6803, 0.3753, 0.3151

Trichromacy



Original Color

15.7373, 0.3390, 0.2608

Protanomaly

15.4751, 0.2860, 0.2584

Deuteranomaly

15.5014, 0.3071, 0.2750

Tritanomaly

15.6253, 0.3622, 0.2944

Monochromacy



Original Color

15.7373, 0.3390, 0.2608

Achromatopsia

16.8269, 0.3127, 0.3290

Achromatomaly

16.2006, 0.3223, 0.3008

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.7373, 0.3390, 0.2608 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(149, 92, 133)` looks like.

```
.text, #text, p{  
    color:rgb(149, 92, 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(149, 92, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 92, 133) }
```

Border

The CSS property to change the border of an element to Yxy 15.7373, 0.3390, 0.2608 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(149, 92, 133) }
```

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

```
.border{ border-color:rgb(149, 92, 133) }
```

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

Here you see how a box with a 4 pixel rgb(149, 92, 133) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 92, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 92, 133);  
box-shadow:4px 4px 4px 4px rgb(149, 92,  
133) }
```


Background

The CSS property to change the background color of an element to Yxy 15.7373, 0.3390, 0.2608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 92, 133) }
```

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

```
.background{ background-color: rgb(149, 92,  
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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