

Converting Colors

$Y_{xy}(10.6696, 0.3586, 0.2690)$

Have a look what the booklet for
Yxy(10.6696, 0.3586, 0.2690)
contains.

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Color

Yxy(10.6633, 0.3592, 0.2697)

Conversions

Conversions Part 1

Format	Color
Hex	824A69
RGB	130, 74, 105
RGB Percent	51%, 29%, 41%
CMY	0.4903, 0.7097, 0.5883
CMYK	0.00, 0.43, 0.19, 0.49
HSL	327°, 27%, 40%
HSV	327°, 43%, 51%
XYZ	14.2019, 10.6633, 14.6724
YIQ	94.2780, 23.4250, 21.5130

Conversions

Conversions Part 2

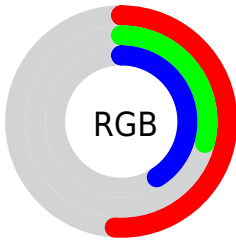
Format	Color
R_{YB}	130, 74, 105
Decimal	8538729
CIE _{Lab}	39.01, 28.22, -7.70
CIE _{LCh}	39, 29.251, 344.746
Yxy	10.6633, 0.3592, 0.2697
Android (android.graphics.Color)	4286728809 (0xFF824A69)
YUV	94.2780, 5.2859, 31.3282
Hunter-Lab	32.6547, 20.4860, -3.7819

Details

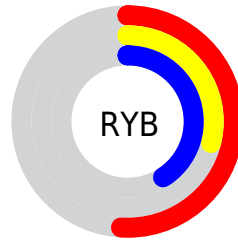
The Yxy color **10.6633, 0.3592, 0.2697** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **18.3174, 0.2837, 0.3980**, and the grayscale version is **11.2463, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.0060, 0.3474, 0.2845**, and **2.7516, 0.3830, 0.2406** is the 20% darker color. If you saturate the color by 10%, you get **8.9882, 0.3751, 0.2567**, and if you desaturate by 10%, it is **12.7062, 0.3454, 0.2837**.

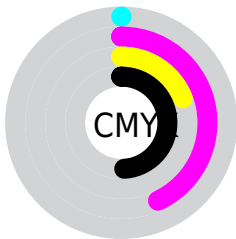
Distribution



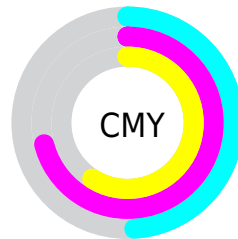
- Red (51%)
- Green (29%)
- Blue (41%)



- Red (51%)
- Yellow (29%)
- Blue (41%)



- Cyan (0%)
- Magenta (43%)
- Yellow (19%)
- Black (49%)





- Cyan (49%)
- Magenta (71%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.6633, 0.3592, 0.2697 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 10.6633, 0.3592, 0.2697 by changing the saturation by 10% instead.


 10.6633, 0.3592,
0.2697

 10.6633, 0.3592,
0.2697


195.3428, 0.3311,
0.3051


 5.8409, 0.3687,
0.2581


 27.0358, 0.3474,
0.2844


 2.7486, 0.3830,
0.2409

 39.3548, 0.3435,
0.2893


 1.0019, 0.4070,
0.2131

 54.9414, 0.3404,
0.2932

 0.0000, 0.5828,
0.0000

 74.1800, 0.3378,
0.2965

 0.0000, 0.0000,
0.0000

 97.4551, 0.3357,
0.2992

125.1510, 0.3339,

0.3014

157.6521, 0.3324,
0.3034

■ 10.6633, 0.3592,
0.2697

■ 10.6633, 0.3592,
0.2697

■ 8.9882, 0.3751,
0.2567

■ 12.7062, 0.3454,
0.2837

■ 7.6570, 0.3929,
0.2455

■ 15.1360, 0.3335,
0.2978

■ 6.6453, 0.4123,
0.2372


■ 17.9720, 0.3235,
0.3117

■ 5.9249, 0.4327,
0.2330

■ 21.2321, 0.3150,
0.3251


■ 5.4617, 0.4533,
0.2335

■ 24.9329, 0.3079,
0.3376

 5.2114, 0.4679,
0.2351

 29.0902, 0.3020,
0.3493

 33.7189, 0.2971,
0.3602

 38.8333, 0.2930,
0.3702

 44.4472, 0.2896,
0.3793

Harmonies

Analogous

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



10.6633, 0.2910, 0.2385



10.6633, 0.3592, 0.2697



10.6633, 0.4185, 0.3140

Triad

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



10.6633, 0.3592, 0.2697



10.6633, 0.3856, 0.4464



10.6633, 0.1959, 0.2714

Complementary

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



10.6633, 0.3592, 0.2697



18.3174, 0.2837, 0.3980

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.



10.6633, 0.2153, 0.3317



10.6633, 0.3592, 0.2697



10.6633, 0.3228, 0.4460

Square

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



10.6633, 0.3592, 0.2697



10.6633, 0.4316, 0.4126



10.6633, 0.2605, 0.4009



10.6633, 0.2031, 0.2359

Rectangle

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



10.6633, 0.3592, 0.2697



10.6633, 0.4410, 0.3473



10.6633, 0.2605, 0.4009



10.6633, 0.1994, 0.2891

Sweetspot

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



10.6638, 0.3592, 0.2697



31.5326, 0.3237, 0.3114



9.1225, 0.2689, 0.2125



6.9104, 0.3255, 0.3088



65.5931, 0.3127, 0.3290



8.8982, 0.3127, 0.3290

Same Dimension

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



10.6638, 0.3592, 0.2697



15.8016, 0.3753, 0.2565



10.1905, 0.4113, 0.3220



4.3810, 0.3199, 0.3171



5.0000, 0.4676, 0.2349



0.0000, 0.0000, 0.0000

Inverse Universe

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



10.6638, 0.3592, 0.2697



15.8016, 0.3753, 0.2565



18.9293, 0.2594, 0.3367



4.3810, 0.3199, 0.3171



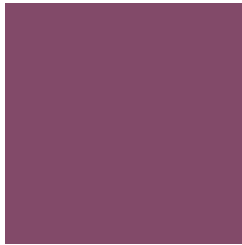
5.0000, 0.4676, 0.2349



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the Yxy color 10.6633, 0.3592, 0.2697 looks on a white background.

Color Contrast Check

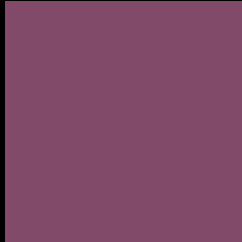
Large Text (above 18pt) WCAG AA ✓ Pass

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 10.6633, 0.3592, 0.2697 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

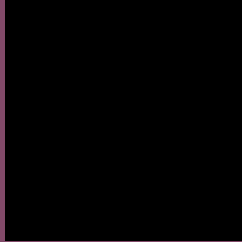
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 10.6633, 0.3592, 0.2697

Background



This preview shows how black text looks on a background with the Yxy color 10.6633, 0.3592, 0.2697.



This preview shows how white text looks on a background with the Yxy color 10.6633, 0.3592, 0.2697.

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

10.6633, 0.3592, 0.2697

Protanopia

10.7450, 0.2706, 0.2695

Deuteranopia

10.8130, 0.3062, 0.3014



Tritanopia

10.6781, 0.3930, 0.3173

Trichromacy



Original Color

10.6633, 0.3592, 0.2697

Protanomaly

10.5140, 0.2983, 0.2678

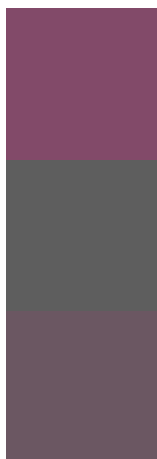
Deuteranomaly

10.5711, 0.3246, 0.2877

Tritanomaly

10.7476, 0.3803, 0.2996

Monochromacy



Original Color

10.6633, 0.3592, 0.2697

Achromatopsia

11.1932, 0.3127, 0.3290

Achromatomaly

10.8240, 0.3286, 0.3047

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.6633, 0.3592, 0.2697 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(130, 74, 105)` looks like.

```
.text, #text, p{  
  color:rgb(130, 74, 105)  
}
```

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(130, 74, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 74, 105) }
```

Border

The CSS property to change the border of an element to Yxy 10.6633, 0.3592, 0.2697 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(130, 74, 105) }
```

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

```
.border{ border-color:rgb(130, 74, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 74, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(130, 74, 105); -webkit-box-shadow:4px 4px 4px 4px rgb(130, 74, 105); box-shadow:4px 4px 4px 4px rgb(130, 74, 105) }
```


Background

The CSS property to change the background color of an element to Yxy 10.6633, 0.3592, 0.2697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 74, 105) }
```

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

```
.background{ background-color: rgb(130, 74,  
105) }
```

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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