

Converting Colors

$Y_{xy}(10.8729, 0.3444, 0.2649)$

Have a look what the booklet for
Yxy(10.8729, 0.3444, 0.2649)
contains.

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Color

Yxy(10.9456, 0.3445, 0.2651)

Conversions

Conversions Part 1

Format	Color
Hex	7F4D6E
RGB	127, 77, 110
RGB Percent	50%, 30%, 43%
CMY	0.5019, 0.6981, 0.5686
CMYK	0.00, 0.39, 0.13, 0.50
HSL	320°, 25%, 40%
HSV	320°, 39%, 50%
XYZ	14.2239, 10.9456, 16.1191
YIQ	95.7120, 19.2070, 20.8630

Conversions

Conversions Part 2

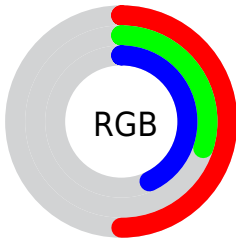
Format	Color
R _Y B	127, 77, 110
Decimal	8342894
CIE Lab	39.49, 26.28, -10.13
CIE LCh	39, 28.168, 338.921
Yxy	10.9456, 0.3445, 0.2651
Android (android.graphics.Color)	4286532974 (0xFF7F4D6E)
YUV	95.7120, 7.0440, 27.4396
Hunter-Lab	33.0841, 18.8455, -5.7280

Details

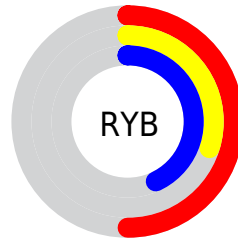
The Yxy color **10.9456, 0.3445, 0.2651** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **17.5702, 0.2909, 0.4034**, and the grayscale version is **11.6034, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.6111, 0.3366, 0.2802**, and **2.9056, 0.3620, 0.2379** is the 20% darker color. If you saturate the color by 10%, you get **9.2473, 0.3557, 0.2494**, and if you desaturate by 10%, it is **12.9966, 0.3346, 0.2816**.

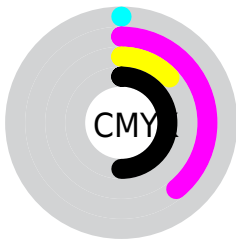
Distribution



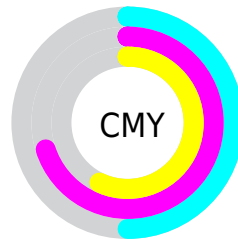
- Red (50%)
- Green (30%)
- Blue (43%)



- Red (50%)
- Yellow (30%)
- Blue (43%)



- Cyan (0%)
- Magenta (39%)
- Yellow (13%)
- Black (50%)



- Cyan (50%)
- Magenta (70%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.9456, 0.3445, 0.2651 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 10.9456, 0.3445, 0.2651 by changing the saturation by 10% instead.


 10.9456, 0.3445,
0.2651


 10.9456, 0.3445,
0.2651


197.2940, 0.3257,
0.3029


 6.0303, 0.3506,
0.2529


 27.5595, 0.3367,
0.2806


 2.8635, 0.3596,
0.2351

 40.0269, 0.3341,
0.2859


 1.0609, 0.3739,
0.2067

 55.7804, 0.3320,
0.2901

 0.0000, 0.4762,
0.0000

 75.2045, 0.3303,
0.2936

 0.0000, 0.0000,
0.0000

 98.6835, 0.3288,
0.2965

126.6018, 0.3276,

0.2990

159.3438, 0.3266,
0.3011

■ 10.9456, 0.3445,
0.2651

■ 10.9456, 0.3445,
0.2651

■ 9.2473, 0.3557,
0.2494

■ 12.9966, 0.3346,
0.2816

■ 7.8799, 0.3682,
0.2353

■ 15.4176, 0.3260,
0.2982

■ 6.8213, 0.3817,
0.2237


■ 18.2264, 0.3186,
0.3144


■ 6.0464, 0.3959,
0.2158


■ 21.4393, 0.3124,
0.3299

■ 5.5257, 0.4103,
0.2122

■ 25.0717, 0.3071,
0.3445

 5.1724, 0.4249,
0.2120

 29.1380, 0.3026,
0.3582

 5.1515, 0.4258,
0.2119

 33.6523, 0.2989,
0.3708

 38.6275, 0.2958,
0.3825

 44.0766, 0.2932,
0.3932

Harmonies

Analogous

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



10.9456, 0.2804, 0.2382



10.9456, 0.3445, 0.2651



10.9456, 0.4045, 0.3059

Triad

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



10.9456, 0.3445, 0.2651



10.9456, 0.3931, 0.4371



10.9456, 0.2022, 0.2838

Complementary

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



10.9456, 0.3445, 0.2651



17.5702, 0.2909, 0.4034

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.



10.9456, 0.2261, 0.3447



10.9456, 0.3445, 0.2651



10.9456, 0.3349, 0.4437

Square

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



10.9456, 0.3445, 0.2651



10.9456, 0.4320, 0.4013



10.9456, 0.2738, 0.4084



10.9456, 0.2041, 0.2445

Rectangle

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



10.9456, 0.3445, 0.2651



10.9456, 0.4306, 0.3375



10.9456, 0.2738, 0.4084



10.9456, 0.2072, 0.3022

Sweetspot

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



10.9461, 0.3445, 0.2651



31.0974, 0.3206, 0.3098



9.2012, 0.2664, 0.2215



7.1557, 0.3214, 0.3081



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.



10.9461, 0.3445, 0.2651



16.9064, 0.3542, 0.2513



10.4811, 0.3894, 0.3125



4.3883, 0.3184, 0.3149



5.1931, 0.4259, 0.2120



0.0000, 0.0000, 0.0000

Inverse Universe

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



10.9461, 0.3445, 0.2651



16.9064, 0.3542, 0.2513



18.0864, 0.2677, 0.3468



4.3883, 0.3184, 0.3149



5.1931, 0.4259, 0.2120



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the Yxy color 10.9456, 0.3445, 0.2651 looks on a white background.

Color Contrast Check

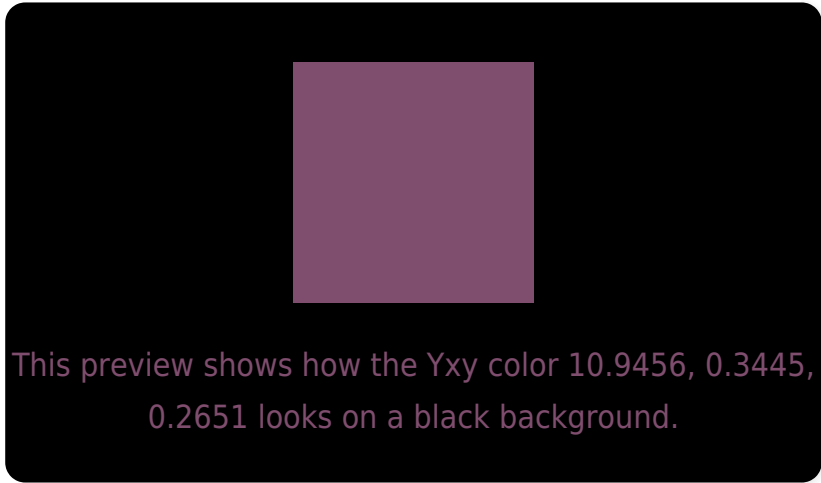
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

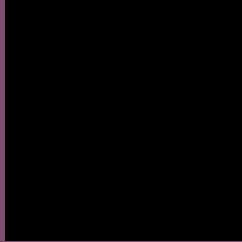
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 10.9456, 0.3445, 0.2651

Background



This preview shows how black text looks on a background with the Yxy color 10.9456, 0.3445, 0.2651.



This preview shows how white text looks on a background with the Yxy color 10.9456, 0.3445, 0.2651.

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

10.9456, 0.3445, 0.2651

Protanopia

11.0132, 0.2662, 0.2637

Deuteranopia

11.0305, 0.2976, 0.2926



Tritanopia

10.8581, 0.3787, 0.3169

Trichromacy



Original Color

10.9456, 0.3445, 0.2651

Protanomaly

10.8674, 0.2913, 0.2641

Deuteranomaly

10.8641, 0.3133, 0.2814

Tritanomaly

10.9235, 0.3665, 0.2989

Monochromacy



Original Color

10.9456, 0.3445, 0.2651

Achromatopsia

11.6971, 0.3127, 0.3290

Achromatomaly

11.2101, 0.3236, 0.3027

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.9456, 0.3445, 0.2651 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(127, 77, 110)` looks like.

```
.text, #text, p{  
  color:rgb(127, 77, 110)  
}
```

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(127, 77, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 77, 110) }
```

Border

The CSS property to change the border of an element to Yxy 10.9456, 0.3445, 0.2651 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(127, 77, 110) }
```

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

```
.border{ border-color:rgb(127, 77, 110) }
```

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

Here you see how a box with a 4 pixel rgb(127, 77, 110) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 77, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 77, 110);  
box-shadow:4px 4px 4px 4px rgb(127, 77,  
110) }
```


Background

The CSS property to change the background color of an element to Yxy 10.9456, 0.3445, 0.2651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 77, 110) }
```

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

```
.background{ background-color: rgb(127, 77,  
110) }
```

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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