

Converting Colors

$Y_{xy}(10.5387, 0.3148, 0.2489)$

Have a look what the booklet for
Yxy(10.5387, 0.3148, 0.2489)
contains.

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Color

Yxy(10.5387, 0.3148, 0.2489)

Conversions

Conversions Part 1

Format	Color
Hex	754E76
RGB	117, 78, 118
RGB Percent	46%, 31%, 46%
CMY	0.5412, 0.6941, 0.5372
CMYK	0.01, 0.34, 0.00, 0.54
HSL	298°, 20%, 38%
HSV	298°, 34%, 46%
XYZ	13.3290, 10.5387, 18.4734
YIQ	94.2210, 10.4040, 20.7080

Conversions

Conversions Part 2

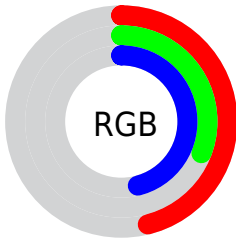
Format	Color
R_{YB}	117, 78, 118
Decimal	7687798
CIE Lab	38.79, 23.60, -16.25
CIE LCh	39, 28.650, 325.445
Yxy	10.5387, 0.3148, 0.2489
Android (android.graphics.Color)	4285877878 (0xFF754E76)
YUV	94.2210, 11.7230, 19.9772
Hunter-Lab	32.4634, 16.4786, -11.0149

Details

The Yxy color **10.5387, 0.3148, 0.2489** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **15.1727, 0.3095, 0.4237**, and the grayscale version is **11.2186, 0.3127, 0.3290**.

A 20% lighter version of the original color is **26.8867, 0.3155, 0.2689**, and **2.7042, 0.3126, 0.2110** is the 20% darker color. If you saturate the color by 10%, you get **8.9889, 0.3152, 0.2263**, and if you desaturate by 10%, it is **12.3904, 0.3143, 0.2726**.

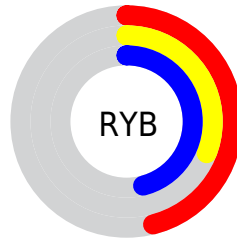
Distribution



Red (46%)

Green (31%)

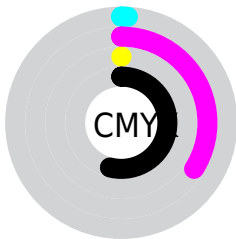
Blue (46%)



Red (46%)

Yellow (31%)

Blue (46%)

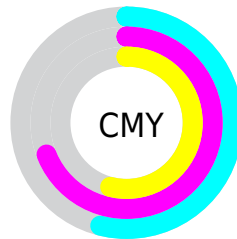


Cyan (1%)

Magenta (34%)

Yellow (0%)

Black (54%)



Cyan (54%)


Magenta (69%)

Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.5387, 0.3148, 0.2489 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 10.5387, 0.3148, 0.2489 by changing the saturation by 10% instead.


 10.5387, 0.3148,
0.2489


 10.5387, 0.3148,
0.2489


194.4748, 0.3145,
0.2960


 5.7576, 0.3143,
0.2340


 26.8039, 0.3150,
0.2681


 2.6982, 0.3129,
0.2124

 39.0568, 0.3150,
0.2747


 0.9763, 0.3093,
0.1788

 54.5691, 0.3149,
0.2800

 0.0000, 0.3118,
0.0000

 73.7251, 0.3148,
0.2843

 0.0000, 0.0000,
0.0000

 96.9093, 0.3148,
0.2880

124.5061, 0.3147,

0.2911

156.8998, 0.3146,
0.2937

■ 10.5387, 0.3148,
0.2489

■ 10.5387, 0.3148,
0.2489

■ 8.9889, 0.3152,
0.2263

■ 12.3904, 0.3143,
0.2726

■ 7.7237, 0.3155,
0.2055

■ 14.5576, 0.3136,
0.2965

■ 6.7257, 0.3157,
0.1873


■ 17.0547, 0.3130,
0.3201

■ 5.9755, 0.3156,
0.1726


■ 19.8947, 0.3123,
0.3427

■ 5.4509, 0.3154,
0.1617

■ 23.0900, 0.3116,
0.3642


 5.1207, 0.3150,
0.1545

 26.6524, 0.3109,
0.3842

 4.9518, 0.3148,
0.1508

 30.5930, 0.3103,
0.4027

 34.9227, 0.3096,
0.4197

 39.6517, 0.3090,
0.4351

Harmonies

Analogous

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



10.5387, 0.2540, 0.2295



10.5387, 0.3148, 0.2489



10.5387, 0.3816, 0.2851

Triad

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



10.5387, 0.3148, 0.2489



10.5387, 0.4166, 0.4259



10.5387, 0.2069, 0.3083

Complementary

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



10.5387, 0.3148, 0.2489



15.1727, 0.3095, 0.4237

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.



10.5387, 0.2429, 0.3763



10.5387, 0.3148, 0.2489



10.5387, 0.3636, 0.4492

Square

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



10.5387, 0.3148, 0.2489



10.5387, 0.4429, 0.3816



10.5387, 0.2999, 0.4327



10.5387, 0.1971, 0.2569

Rectangle

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



10.5387, 0.3148, 0.2489



10.5387, 0.4178, 0.3154



10.5387, 0.2999, 0.4327



10.5387, 0.2161, 0.3301

Sweetspot

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



10.5392, 0.3148, 0.2489



27.1251, 0.3134, 0.3052



8.5701, 0.2557, 0.2373



6.1286, 0.3135, 0.3026



60.3827, 0.3127, 0.3290



7.3239, 0.3127, 0.3290

Same Dimension

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



10.5392, 0.3148, 0.2489



16.2747, 0.3152, 0.2304



10.2098, 0.3474, 0.2846



3.7534, 0.3133, 0.3080



5.3555, 0.3148, 0.1508



26.0381, 0.3144, 0.1506

Inverse Universe

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



9.8675, 0.3848, 0.3270



14.9009, 0.4108, 0.3266



15.4359, 0.2884, 0.3784



3.7022, 0.3272, 0.3285



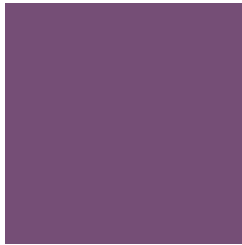
4.1737, 0.6357, 0.3275



20.3196, 0.6382, 0.3289

Previews

White Background



This preview shows how the Yxy color 10.5387, 0.3148, 0.2489 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 10.5387, 0.3148, 0.2489 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

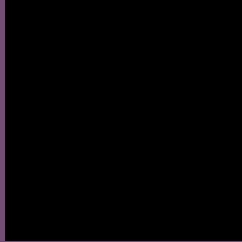
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 10.5387, 0.3148, 0.2489

Background



This preview shows how black text looks on a background with the Yxy color 10.5387, 0.3148, 0.2489.



This preview shows how white text looks on a background with the Yxy color 10.5387, 0.3148, 0.2489.

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

10.5387, 0.3148, 0.2489

Protanopia

10.5940, 0.2529, 0.2462

Deuteranopia

10.6480, 0.2743, 0.2696



Tritanopia

10.5895, 0.3529, 0.3160

Trichromacy



Original Color

10.5387, 0.3148, 0.2489

Protanomaly

10.4905, 0.2722, 0.2465

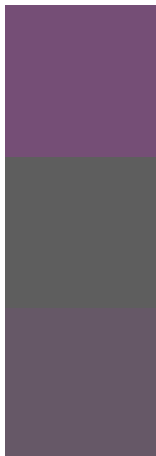
Deuteranomaly

10.5926, 0.2882, 0.2613

Tritanomaly

10.5321, 0.3383, 0.2907

Monochromacy



Original Color

10.5387, 0.3148, 0.2489

Achromatopsia

11.1932, 0.3127, 0.3290

Achromatomaly

10.7835, 0.3127, 0.2953

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.5387, 0.3148, 0.2489 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(117, 78, 118)` looks like.

```
.text, #text, p{  
    color:rgb(117, 78, 118)  
}
```

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(117, 78, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 78, 118) }
```

Border

The CSS property to change the border of an element to Yxy 10.5387, 0.3148, 0.2489 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(117, 78, 118) }
```

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

```
.border{ border-color:rgb(117, 78, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 78, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(117, 78, 118); -webkit-box-shadow:4px 4px 4px 4px rgb(117, 78, 118); box-shadow:4px 4px 4px 4px rgb(117, 78, 118) }
```


Background

The CSS property to change the background color of an element to Yxy 10.5387, 0.3148, 0.2489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 78, 118) }
```

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

```
.background{ background-color: rgb(117, 78,  
118) }
```

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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