

Converting Colors

$Y_{xy}(10.7437, 0.2919, 0.2464)$

Have a look what the booklet for
Yxy(10.7437, 0.2919, 0.2464)
contains.

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Color

Yxy(10.7424, 0.2919, 0.2463)

Conversions

Conversions Part 1

Format	Color
Hex	6B537B
RGB	107, 83, 123
RGB Percent	42%, 33%, 48%
CMY	0.5804, 0.6745, 0.5176
CMYK	0.13, 0.33, 0.00, 0.52
HSL	276°, 19%, 40%
HSV	276°, 33%, 48%
XYZ	12.7312, 10.7424, 20.1415
YIQ	94.7360, 1.4640, 17.5280

Conversions

Conversions Part 2

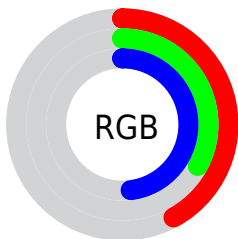
Format	Color
R_{YB}	107, 83, 123
Decimal	7033723
CIE _{Lab}	39.14, 18.14, -18.88
CIE _{LCh}	39, 26.185, 313.854
Yxy	10.7424, 0.2919, 0.2463
Android (android.graphics.Color)	4285223803 (0xFF6B537B)
YUV	94.7360, 13.9342, 10.7555
Hunter-Lab	32.7756, 11.9787, -13.4923

Details

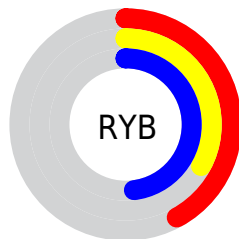
The Yxy color **10.7424, 0.2919, 0.2463** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **17.4440, 0.3279, 0.4147**, and the grayscale version is **11.3434, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.2806, 0.2977, 0.2661**, and **2.8104, 0.2792, 0.2102** is the 20% darker color. If you saturate the color by 10%, you get **8.7281, 0.2835, 0.2190**, and if you desaturate by 10%, it is **13.1089, 0.2994, 0.2732**.

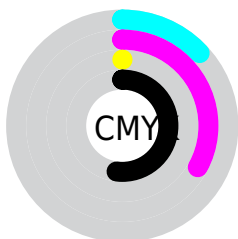
Distribution



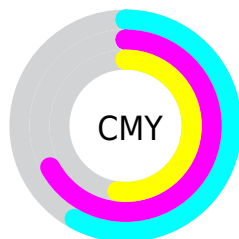
- Red (42%)
- Green (33%)
- Blue (48%)



- Red (42%)
- Yellow (33%)
- Blue (48%)



- Cyan (13%)
- Magenta (33%)
- Yellow (0%)
- Black (52%)



- Cyan (58%)
- Magenta (67%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 10.7424, 0.2919, 0.2463 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 10.7424, 0.2919, 0.2463 by changing the saturation by 10% instead.

10.7424, 0.2919,
0.2463

10.7424, 0.2919,
0.2463

195.8916, 0.3055,
0.2950

5.8939, 0.2867,
0.2309

27.1828, 0.2979,
0.2662

2.7807, 0.2785,
0.2087

39.5435, 0.2998,
0.2729

1.0183, 0.2637,
0.1744

55.1771, 0.3013,
0.2784

0.0000, 0.2215,
0.0000

74.4679, 0.3025,
0.2829

0.0000, 0.0000,
0.0000

97.8004, 0.3034,
0.2867

125.5589, 0.3042,

0.2898

158.1279, 0.3049,
0.2926

■ 10.7424, 0.2919,
0.2463

■ 10.7424, 0.2919,
0.2463

■ 8.7281, 0.2835,
0.2190

■ 13.1089, 0.2994,
0.2732

■ 7.0468, 0.2742,
0.1922

■ 15.8429, 0.3059,
0.2989

■ 5.6793, 0.2642,
0.1669

■ 18.9605, 0.3115,
0.3232

■ 4.6039, 0.2539,
0.1443

■ 22.4762, 0.3162,
0.3456

■ 3.7962, 0.2435,
0.1255

■ 26.4040, 0.3201,
0.3662

■ 3.2269, 0.2335,
0.1113

■ 30.7570, 0.3234,
0.3849

■ 2.8770, 0.2262,
0.1020

■ 35.5478, 0.3260,
0.4018

■ 40.7885, 0.3282,
0.4170

■ 46.4906, 0.3300,
0.4307

Harmonies

Analogous

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



10.7424, 0.2421, 0.2356



10.7424, 0.2919, 0.2463



10.7424, 0.3527, 0.2744

Triad

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



10.7424, 0.2919, 0.2463



10.7424, 0.4206, 0.4043



10.7424, 0.2260, 0.3338

Complementary

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



10.7424, 0.2919, 0.2463



17.4440, 0.3279, 0.4147

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.



10.7424, 0.2679, 0.3942



10.7424, 0.2919, 0.2463



10.7424, 0.3805, 0.4338

Square

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



10.7424, 0.2919, 0.2463



10.7424, 0.4312, 0.3607



10.7424, 0.3243, 0.4330



10.7424, 0.2071, 0.2793

Rectangle

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



10.7424, 0.2919, 0.2463



10.7424, 0.3904, 0.3004



10.7424, 0.3243, 0.4330



10.7424, 0.2376, 0.3545

Sweetspot

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



10.7428, 0.2919, 0.2463



29.5768, 0.3072, 0.3046



12.3205, 0.2623, 0.2769



6.8193, 0.3065, 0.3017



63.8283, 0.3127, 0.3290



8.3535, 0.3127, 0.3290

Same Dimension

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



10.7428, 0.2919, 0.2463



16.4944, 0.2857, 0.2260



11.7463, 0.3213, 0.2579



4.0013, 0.3079, 0.3075



2.9730, 0.2260, 0.1019



13.6764, 0.2214, 0.0993

Inverse Universe

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



11.2994, 0.3548, 0.2966



17.7073, 0.3684, 0.2890



16.6827, 0.3050, 0.4122



4.0392, 0.3220, 0.3205



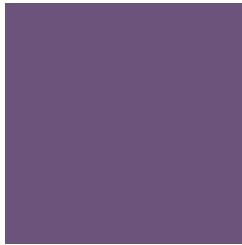
4.5865, 0.5297, 0.2692



21.7197, 0.5424, 0.2762

Previews

White Background



This preview shows how the Yxy color 10.7424, 0.2919, 0.2463 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 10.7424, 0.2919, 0.2463 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

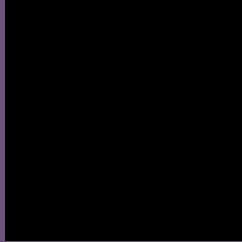
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 10.7424, 0.2919, 0.2463

Background



This preview shows how black text looks on a background with the Yxy color 10.7424, 0.2919, 0.2463.



This preview shows how white text looks on a background with the Yxy color 10.7424, 0.2919, 0.2463.

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

10.7424, 0.2919, 0.2463

Protanopia

10.8165, 0.2511, 0.2448

Deuteranopia

10.8411, 0.2660, 0.2614



Tritanopia

10.6892, 0.3266, 0.3131

Trichromacy



Original Color

10.7424, 0.2919, 0.2463

Protanomaly

10.6854, 0.2637, 0.2442

Deuteranomaly

10.7643, 0.2749, 0.2547

Tritanomaly

10.6186, 0.3131, 0.2869

Monochromacy



Original Color

10.7424, 0.2919, 0.2463

Achromatopsia

11.4435, 0.3127, 0.3290

Achromatomaly

11.1547, 0.3049, 0.2974

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.7424, 0.2919, 0.2463 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(107, 83, 123)` looks like.

```
.text, #text, p{  
    color:rgb(107, 83, 123)  
}
```

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(107, 83, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 83, 123) }
```

Border

The CSS property to change the border of an element to Yxy 10.7424, 0.2919, 0.2463 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(107, 83, 123) }
```

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

```
.border{ border-color:rgb(107, 83, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 83, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 83, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 83, 123);  
box-shadow:4px 4px 4px 4px rgb(107, 83,  
123) }
```


Background

The CSS property to change the background color of an element to Yxy 10.7424, 0.2919, 0.2463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 83, 123) }
```

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

```
.background{ background-color: rgb(107, 83,  
123) }
```

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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