

Converting Colors

$Y_{xy}(10.4799, 0.4280, 0.2386)$

Have a look what the booklet for
Yxy(10.4799, 0.4280, 0.2386)
contains.

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Color

Yxy(10.4910, 0.4283, 0.2384)

Conversions

Conversions Part 1

Format	Color
Hex	A5276A
RGB	165, 39, 106
RGB Percent	65%, 15%, 42%
CMY	0.3528, 0.8472, 0.5843
CMYK	0.00, 0.76, 0.36, 0.35
HSL	328°, 62%, 40%
HSV	328°, 76%, 65%
XYZ	18.8477, 10.4910, 14.6672
YIQ	84.3120, 53.5890, 47.5490

Conversions

Conversions Part 2

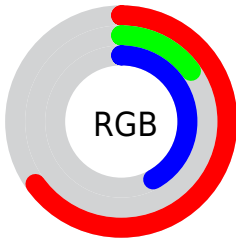
Format	Color
R_{YB}	165, 39, 106
Decimal	10823530
CIE Lab	38.71, 55.75, -8.20
CIE LCh	39, 56.352, 351.636
Yxy	10.4910, 0.4283, 0.2384
Android (android.graphics.Color)	4289013610 (0xFFA5276A)
YUV	84.3120, 10.6922, 70.7634
Hunter-Lab	32.3898, 47.1874, -4.1756

Details

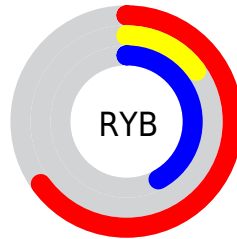
The Yxy color **10.4910, 0.4283, 0.2384** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **28.2313, 0.2711, 0.4638**, and the grayscale version is **8.9003, 0.3127, 0.3290**.

A 20% lighter version of the original color is **26.8310, 0.3996, 0.2609**, and **3.5039, 0.4673, 0.2348** is the 20% darker color. If you saturate the color by 10%, you get **9.4807, 0.4507, 0.2369**, and if you desaturate by 10%, it is **11.9881, 0.4066, 0.2445**.

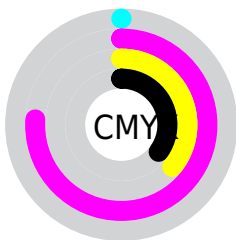
Distribution



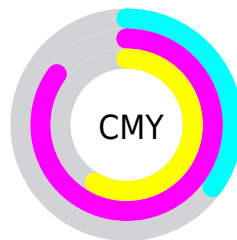
- Red (65%)
- Green (15%)
- Blue (42%)



- Red (65%)
- Yellow (15%)
- Blue (42%)



- Cyan (0%)
- Magenta (76%)
- Yellow (36%)
- Black (35%)





- Cyan (35%)
- Magenta (85%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.4910, 0.4283, 0.2384 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 10.4910, 0.4283, 0.2384 by changing the saturation by 10% instead.


 10.4910, 0.4283,
0.2384

 10.4910, 0.4283,
0.2384


194.1414, 0.3584,
0.2917


 5.7257, 0.4515,
0.2217


 26.7150, 0.3991,
0.2601


 2.6790, 0.4860,
0.1977

 38.9425, 0.3894,
0.2675


 0.9665, 0.5415,
0.1611

 54.4262, 0.3816,
0.2735

 0.0000, 0.7550,
0.0000

 73.5505, 0.3753,
0.2784

 0.0000, 1.0000,
0.0000

 96.6998, 0.3700,
0.2825

 0.0000, 0.0000,
0.0000

 124.2584, 0.3655,

0.2860

156.6108, 0.3617,
0.2890

■ 10.4910, 0.4283,
0.2384

■ 10.4910, 0.4283,
0.2384

■ 9.4807, 0.4507,
0.2369

■ 11.9881, 0.4066,
0.2445

■ 8.8789, 0.4728,
0.2405

■ 14.0250, 0.3864,
0.2543

■ 8.7023, 0.4808,
0.2422

■ 16.6498, 0.3684,
0.2664

■ 19.9044, 0.3526,
0.2798

■ 23.8272, 0.3390,
0.2937

■ 28.4533, 0.3276,
0.3076

■ 33.8154, 0.3180,
0.3209

■ 39.9440, 0.3100,
0.3335

■ 46.8681, 0.3034,
0.3452

Harmonies

Analogous

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



10.4910, 0.2949, 0.1853



10.4910, 0.4283, 0.2384



10.4910, 0.5337, 0.3076

Triad

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



10.4910, 0.4283, 0.2384



10.4910, 0.3968, 0.5505



10.4910, 0.1166, 0.1986

Complementary

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



10.4910, 0.4283, 0.2384



28.2313, 0.2711, 0.4638

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.



10.4910, 0.1306, 0.2919



10.4910, 0.4283, 0.2384



10.4910, 0.2863, 0.5614

Square

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



10.4910, 0.4283, 0.2384



10.4910, 0.4953, 0.4703



10.4910, 0.1879, 0.4440



10.4910, 0.1370, 0.1602

Rectangle

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



10.4910, 0.4283, 0.2384



10.4910, 0.5568, 0.3578



10.4910, 0.1879, 0.4440



10.4910, 0.1172, 0.2225

Sweetspot

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



10.4916, 0.4283, 0.2384



44.9801, 0.3354, 0.2979



6.7519, 0.2257, 0.1216



9.2468, 0.3396, 0.2931



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



10.4916, 0.4283, 0.2384



16.1347, 0.4668, 0.2391



9.6267, 0.5638, 0.3253



7.1460, 0.3206, 0.3171



6.5915, 0.4788, 0.2411



0.1480, 0.4080, 0.2021

Inverse Universe

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



10.4916, 0.4283, 0.2384



16.1347, 0.4668, 0.2391



29.9165, 0.2329, 0.3363



7.1460, 0.3206, 0.3171



6.5915, 0.4788, 0.2411



0.1480, 0.4080, 0.2021

Previews

White Background



This preview shows how the Yxy color 10.4910, 0.4283, 0.2384 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 10.4910, 0.4283, 0.2384 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

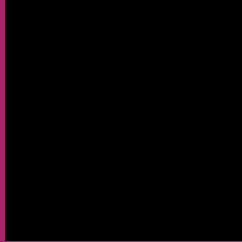
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 10.4910, 0.4283, 0.2384

Background



This preview shows how black text looks on a background with the Yxy color 10.4910, 0.4283, 0.2384.



This preview shows how white text looks on a background with the Yxy color 10.4910, 0.4283, 0.2384.

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

10.4910, 0.4283, 0.2384

Protanopia

10.9011, 0.2334, 0.2222

Deuteranopia

10.8291, 0.3106, 0.3060



Tritanopia

10.6151, 0.5202, 0.3256

Trichromacy



Original Color

10.4910, 0.4283, 0.2384

Protanomaly

9.3814, 0.2859, 0.2164

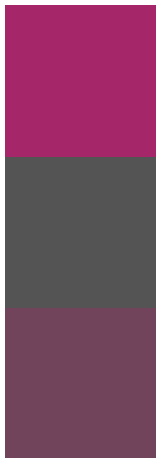
Deuteranomaly

9.6034, 0.3518, 0.2665

Tritanomaly

10.4912, 0.4891, 0.2937

Monochromacy



Original Color

10.4910, 0.4283, 0.2384

Achromatopsia

8.8656, 0.3127, 0.3290

Achromatomaly

8.4177, 0.3555, 0.2768

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.4910, 0.4283, 0.2384 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(165, 39, 106)` looks like.

```
.text, #text, p{  
    color:rgb(165, 39, 106)  
}
```

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(165, 39, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 39, 106) }
```

Border

The CSS property to change the border of an element to Yxy 10.4910, 0.4283, 0.2384 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(165, 39, 106) }
```

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

```
.border{ border-color:rgb(165, 39, 106) }
```

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

Here you see how a box with a 4 pixel rgb(165, 39, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 39, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 39, 106);  
box-shadow:4px 4px 4px 4px rgb(165, 39,  
106) }
```


Background

The CSS property to change the background color of an element to Yxy 10.4910, 0.4283, 0.2384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 39, 106) }
```

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

```
.background{ background-color: rgb(165, 39,  
106) }
```

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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