

Converting Colors

$Y_{xy}(10.1106, 0.3978, 0.2533)$

Have a look what the booklet for
Yxy(10.1106, 0.3978, 0.2533)
contains.

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Color

Yxy(10.1086, 0.3986, 0.2527)

Conversions

Conversions Part 1

Format	Color
Hex	933967
RGB	147, 57, 103
RGB Percent	58%, 22%, 40%
CMY	0.4235, 0.7765, 0.5960
CMYK	0.00, 0.61, 0.30, 0.42
HSL	329°, 44%, 40%
HSV	329°, 61%, 58%
XYZ	15.9449, 10.1086, 13.9488
YIQ	89.1540, 38.8740, 33.3860

Conversions

Conversions Part 2

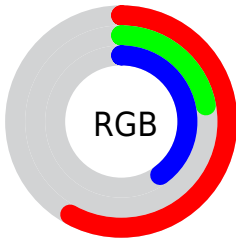
Format	Color
R_{YB}	147, 57, 103
Decimal	9648487
CIE Lab	38.04, 42.84, -7.66
CIE LCh	38, 43.522, 349.869
Yxy	10.1086, 0.3986, 0.2527
Android (android.graphics.Color)	4287838567 (0xFF933967)
YUV	89.1540, 6.8261, 50.7309
Hunter-Lab	31.7940, 33.8796, -3.7562

Details

The Yxy color **10.1086, 0.3986, 0.2527** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **22.6767, 0.2727, 0.4273**, and the grayscale version is **10.0045, 0.3127, 0.3290**.

A 20% lighter version of the original color is **26.1077, 0.3771, 0.2719**, and **2.6127, 0.4426, 0.2212** is the 20% darker color. If you saturate the color by 10%, you get **8.7220, 0.4204, 0.2449**, and if you desaturate by 10%, it is **11.9295, 0.3788, 0.2634**.

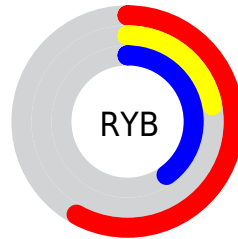
Distribution



Red (58%)

Green (22%)

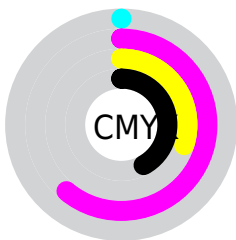
Blue (40%)



Red (58%)

Yellow (22%)

Blue (40%)

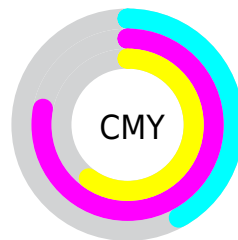


Cyan (0%)

Magenta (61%)

Yellow (30%)

Black (42%)



Cyan (42%)


Magenta (78%)


Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.1086, 0.3986, 0.2527 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 10.1086, 0.3986, 0.2527 by changing the saturation by 10% instead.


 10.1086, 0.3986,
0.2527


 10.1086, 0.3986,
0.2527


 191.4454, 0.3462,
0.2982


 5.4710, 0.4165,
0.2379


 25.9996, 0.3765,
0.2715


 2.5262, 0.4434,
0.2163

 38.0217, 0.3692,
0.2778


 0.8897, 0.4885,
0.1820

 53.2742, 0.3634,
0.2829

 0.0000, 0.7376,
0.0000

 72.1415, 0.3587,
0.2870

 0.0000, 0.0000,
0.0000

 95.0078, 0.3548,
0.2905

 122.2576, 0.3515,

0.2934

154.2754, 0.3487,
0.2960

■ 10.1086, 0.3986,
0.2527

■ 10.1086, 0.3986,
0.2527

■ 8.7220, 0.4204,
0.2449

■ 11.9295, 0.3788,
0.2634

■ 7.7303, 0.4436,
0.2410

■ 14.2163, 0.3613,
0.2758

■ 7.0896, 0.4669,
0.2420

■ 16.9997, 0.3462,
0.2889

■ 6.7135, 0.4874,
0.2459

■ 20.3072, 0.3334,
0.3022

■ 24.1641, 0.3227,
0.3152

■ 28.5943, 0.3137,
0.3275

■ 33.6202, 0.3062,
0.3391

■ 39.2630, 0.3001,
0.3499

■ 45.5427, 0.2949,
0.3598

Harmonies

Analogous

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



10.1086, 0.2945, 0.2076



10.1086, 0.3986, 0.2527



10.1086, 0.4838, 0.3132

Triad

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



10.1086, 0.3986, 0.2527



10.1086, 0.3958, 0.5070



10.1086, 0.1480, 0.2289

Complementary

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



10.1086, 0.3986, 0.2527



22.6767, 0.2727, 0.4273

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.



10.1086, 0.1650, 0.3099



10.1086, 0.3986, 0.2527



10.1086, 0.3038, 0.5075

Square

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



10.1086, 0.3986, 0.2527



10.1086, 0.4720, 0.4507



10.1086, 0.2190, 0.4240



10.1086, 0.1639, 0.1906

Rectangle

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



10.1086, 0.3986, 0.2527



10.1086, 0.5083, 0.3578



10.1086, 0.2190, 0.4240



10.1086, 0.1498, 0.2508

Sweetspot

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



10.1091, 0.3986, 0.2527



38.2363, 0.3302, 0.3060



7.7708, 0.2494, 0.1610



8.3271, 0.3332, 0.3025



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



10.1091, 0.3986, 0.2527



14.9634, 0.4279, 0.2431



9.4400, 0.4947, 0.3272



5.8619, 0.3207, 0.3177



5.8252, 0.4862, 0.2452



0.0773, 0.4007, 0.1981

Inverse Universe

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



10.1091, 0.3986, 0.2527



14.9634, 0.4279, 0.2431



23.7973, 0.2407, 0.3317



5.8619, 0.3207, 0.3177



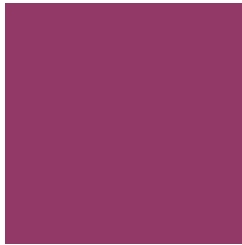
5.8252, 0.4862, 0.2452



0.0773, 0.4007, 0.1981

Previews

White Background



This preview shows how the Yxy color 10.1086, 0.3986, 0.2527 looks on a white background.

Color Contrast Check

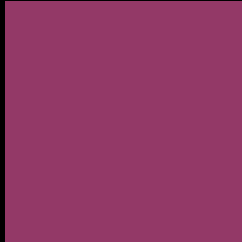
Large Text (above 18pt) WCAG AA ✓ Pass

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 10.1086, 0.3986, 0.2527 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

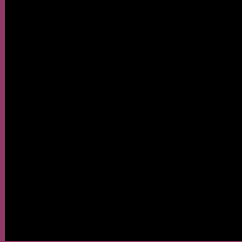
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 10.1086, 0.3986, 0.2527

Background



This preview shows how black text looks on a background with the Yxy color 10.1086, 0.3986, 0.2527.



This preview shows how white text looks on a background with the Yxy color 10.1086, 0.3986, 0.2527.

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

10.1086, 0.3986, 0.2527

Protanopia

10.3309, 0.2535, 0.2474

Deuteranopia

10.2942, 0.3090, 0.3055



Tritanopia

10.1396, 0.4603, 0.3226

Trichromacy



Original Color

10.1086, 0.3986, 0.2527

Protanomaly

9.5352, 0.2955, 0.2434

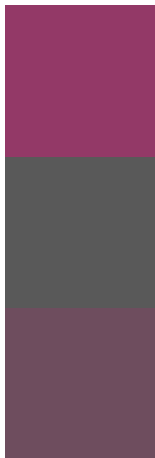
Deuteranomaly

9.8053, 0.3396, 0.2800

Tritanomaly

10.0591, 0.4393, 0.2969

Monochromacy



Original Color

10.1086, 0.3986, 0.2527

Achromatopsia

9.9899, 0.3127, 0.3290

Achromatomaly

9.4309, 0.3432, 0.2914

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.1086, 0.3986, 0.2527 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(147, 57, 103)` looks like.

```
.text, #text, p{  
    color:rgb(147, 57, 103)  
}
```

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(147, 57, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 57, 103) }
```

Border

The CSS property to change the border of an element to Yxy 10.1086, 0.3986, 0.2527 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(147, 57, 103) }
```

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

```
.border{ border-color:rgb(147, 57, 103) }
```

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

Here you see how a box with a 4 pixel rgb(147, 57, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 57, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 57, 103);  
box-shadow:4px 4px 4px 4px rgb(147, 57,  
103) }
```


Background

The CSS property to change the background color of an element to Yxy 10.1086, 0.3986, 0.2527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 57, 103) }
```

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

```
.background{ background-color: rgb(147, 57,  
103) }
```

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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