

Converting Colors

$Y_{xy}(16.2226, 0.4080, 0.2990)$

Have a look what the booklet for
Yxy(16.2226, 0.4080, 0.2990)
contains.

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Color

Yxy(16.0934, 0.4078, 0.2983)

Conversions

Conversions Part 1

Format	Color
Hex	A7576B
RGB	167, 87, 107
RGB Percent	65%, 34%, 42%
CMY	0.3450, 0.6588, 0.5804
CMYK	0.00, 0.48, 0.36, 0.35
HSL	345°, 32%, 50%
HSV	345°, 48%, 65%
XYZ	22.0010, 16.0934, 15.8560
YIQ	113.2000, 41.2600, 23.1800

Conversions

Conversions Part 2

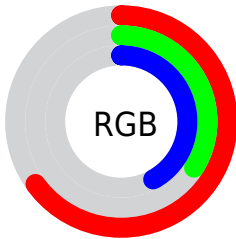
Format	Color
RYB	167, 87, 107
Decimal	10966891
CIELab	47.10, 35.03, 3.57
CIELCh	47, 35.212, 5.811
Yxy	16.0934, 0.4078, 0.2983
Android (android.graphics.Color)	4289156971 (0xFFA7576B)
YUV	113.2000, -3.0566, 47.1826
Hunter-Lab	40.1166, 27.6900, 4.6473

Details

The Yxy color **16.0934, 0.4078, 0.2983** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **31.7766, 0.2636, 0.3639**, and the grayscale version is **16.5761, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.7812, 0.3847, 0.3067**, and **5.0941, 0.4512, 0.2817** is the 20% darker color. If you saturate the color by 10%, you get **13.4509, 0.4401, 0.2932**, and if you desaturate by 10%, it is **19.4013, 0.3802, 0.3045**.

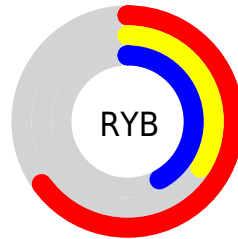
Distribution



Red (65%)

Green (34%)

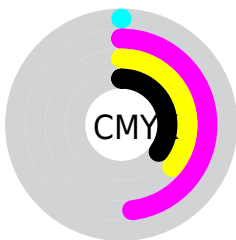
Blue (42%)



Red (65%)

Yellow (34%)

Blue (42%)

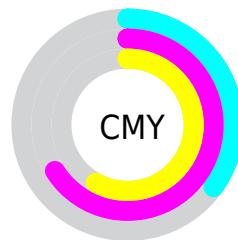


Cyan (0%)

Magenta (48%)

Yellow (36%)

Black (35%)



Cyan (35%)


Magenta (66%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 16.0934, 0.4078, 0.2983 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 16.0934, 0.4078, 0.2983 by changing the saturation by 10% instead.


 16.0934, 0.4078,
0.2983


 16.0934, 0.4078,
0.2983


229.8922, 0.3518,
0.3169


 9.5903, 0.4256,
0.2921


 36.7603, 0.3849,
0.3061


 5.1282, 0.4514,
0.2828

 51.6928, 0.3771,
0.3087


 2.3226, 0.4919,
0.2678

 70.2039, 0.3709,
0.3107

 0.7857, 0.5711,
0.2421

 92.6780, 0.3657,
0.3124

 0.0000, 1.0000,
0.0000

 119.4995, 0.3614,
0.3138

 0.0000, 0.0000,
0.0000

151.0528, 0.3577,

0.3150

187.7222, 0.3545,
0.3160

■ 16.0934, 0.4078,
0.2983

■ 16.0934, 0.4078,
0.2983

■ 13.4509, 0.4401,
0.2932

■ 19.4013, 0.3802,
0.3045

■ 11.4261, 0.4765,
0.2902

■ 23.4133, 0.3572,
0.3112

■ 9.9685, 0.5149,
0.2903


■ 28.1681, 0.3383,
0.3178

■ 9.0186, 0.5523,
0.2942

■ 33.7006, 0.3229,
0.3242

■ 8.4776, 0.5849,
0.3016


■ 40.0438, 0.3103,
0.3302

 8.3828, 0.5912,
0.3031

 47.2285, 0.3001,
0.3357

 55.2841, 0.2917,
0.3408

 64.2384, 0.2849,
0.3454

 74.1182, 0.2792,
0.3496

Harmonies

Analogous

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



16.0934, 0.3397, 0.2557



16.0934, 0.4078, 0.2983



16.0934, 0.4480, 0.3494

Triad

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



16.0934, 0.4078, 0.2983



16.0934, 0.3431, 0.4572



16.0934, 0.1934, 0.2396

Complementary

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



16.0934, 0.4078, 0.2983



31.7766, 0.2636, 0.3639

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.



16.0934, 0.1939, 0.2846



16.0934, 0.4078, 0.2983



16.0934, 0.2760, 0.4233

Square

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



16.0934, 0.4078, 0.2983



16.0934, 0.4055, 0.4439



16.0934, 0.2222, 0.3536



16.0934, 0.2194, 0.2220

Rectangle

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



16.0934, 0.4078, 0.2983



16.0934, 0.4511, 0.3845



16.0934, 0.2222, 0.3536



16.0934, 0.1906, 0.2515

Sweetspot

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



16.0942, 0.4078, 0.2983



53.8968, 0.3323, 0.3202



15.8101, 0.2924, 0.2062



11.6148, 0.3356, 0.3189



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



16.0942, 0.4078, 0.2983



24.0352, 0.4405, 0.2932



19.4207, 0.4252, 0.3603



7.5719, 0.3248, 0.3234



6.4200, 0.5889, 0.3018



0.1641, 0.4996, 0.2526

Inverse Universe

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



16.0942, 0.4078, 0.2983



24.0352, 0.4405, 0.2932



25.6875, 0.2441, 0.2938



7.5719, 0.3248, 0.3234



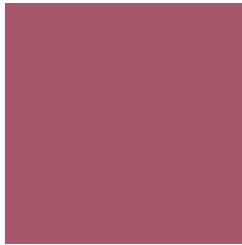
6.4200, 0.5889, 0.3018



0.1641, 0.4996, 0.2526

Previews

White Background



This preview shows how the Yxy color 16.0934, 0.4078, 0.2983 looks on a white background.

Color Contrast Check

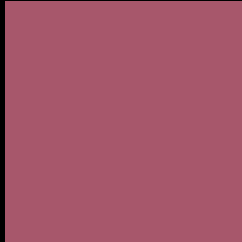
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.0934, 0.4078, 0.2983 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

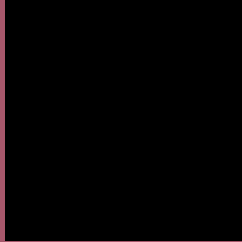
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 16.0934, 0.4078, 0.2983

Background



This preview shows how black text looks on a background with the Yxy color 16.0934, 0.4078, 0.2983.



This preview shows how white text looks on a background with the Yxy color 16.0934, 0.4078, 0.2983.

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

16.0934, 0.4078, 0.2983

Protanopia

16.1941, 0.3019, 0.3091

Deuteranopia

16.1400, 0.3446, 0.3388



Tritanopia

16.0780, 0.4252, 0.3200

Trichromacy



Original Color

16.0934, 0.4078, 0.2983

Protanomaly

15.6692, 0.3368, 0.3030

Deuteranomaly

15.7765, 0.3681, 0.3219

Tritanomaly

15.9873, 0.4192, 0.3122

Monochromacy



Original Color

16.0934, 0.4078, 0.2983

Achromatopsia

16.5132, 0.3127, 0.3290

Achromatomaly

16.0349, 0.3448, 0.3160

CSS Examples

Text

The CSS property to change the color of the text to Yxy 16.0934, 0.4078, 0.2983 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(167, 87, 107)` looks like.

```
.text, #text, p{  
    color:rgb(167, 87, 107)  
}
```

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(167, 87, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 87, 107) }
```

Border

The CSS property to change the border of an element to Yxy 16.0934, 0.4078, 0.2983 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(167, 87, 107) }
```

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

```
.border{ border-color:rgb(167, 87, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 87, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 87, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 87, 107);  
box-shadow:4px 4px 4px 4px rgb(167, 87,  
107) }
```


Background

The CSS property to change the background color of an element to Yxy 16.0934, 0.4078, 0.2983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 87, 107) }
```

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

```
.background{ background-color: rgb(167, 87,  
107) }
```

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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