

Converting Colors

$Y_{xy}(14.2947, 0.3908, 0.2581)$

Have a look what the booklet for
Yxy(14.2947, 0.3908, 0.2581)
contains.

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Color

Yxy(14.3366, 0.3916, 0.2586)

Conversions

Conversions Part 1	
Format	Color
Hex	A74978
RGB	167, 73, 120
RGB Percent	65%, 29%, 47%
CMY	0.3451, 0.7137, 0.5294
CMYK	0.00, 0.56, 0.28, 0.35
HSL	330°, 39%, 47%
HSV	330°, 56%, 65%
XYZ	21.7100, 14.3366, 19.3927
YIQ	106.4640, 40.9370, 34.5450

Conversions

Conversions Part 2

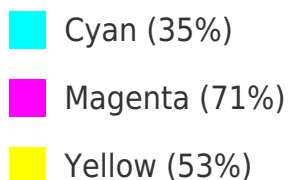
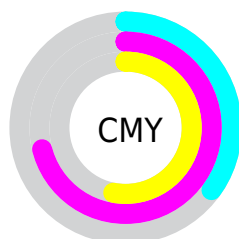
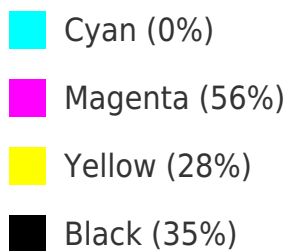
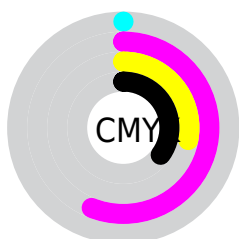
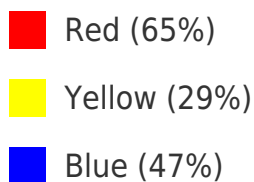
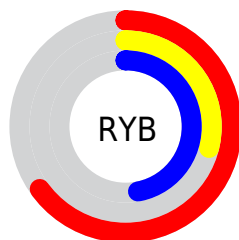
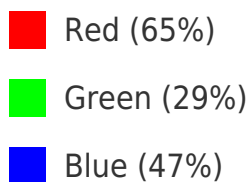
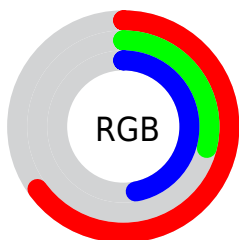
Format	Color
RYB	167, 73, 120
Decimal	10963320
CIELab	44.71, 43.95, -7.85
CIELCh	45, 44.647, 349.872
Yxy	14.3366, 0.3916, 0.2586
Android (android.graphics.Color)	4289153400 (0xFFA74978)
YUV	106.4640, 6.6732, 53.0901
Hunter-Lab	37.8637, 36.0856, -3.8620

Details

The Yxy color **14.3366, 0.3916, 0.2586** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **30.4123, 0.2735, 0.4168**, and the grayscale version is **14.5203, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.4931, 0.3728, 0.2743**, and **4.3452, 0.4256, 0.2292** is the 20% darker color. If you saturate the color by 10%, you get **12.2357, 0.4135, 0.2496**, and if you desaturate by 10%, it is **17.0458, 0.3721, 0.2700**.

Distribution




Brightness & Saturation Gradients


These gradients show how the Yxy color 14.3366, 0.3916, 0.2586 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 14.3366, 0.3916, 0.2586 by changing the saturation by 10% instead.


 14.3366, 0.3916,
0.2586


 14.3366, 0.3916,
0.2586


219.3149, 0.3456,
0.2988


 8.3551, 0.4060,
0.2465


 33.6851, 0.3729,
0.2746


 4.3230, 0.4267,
0.2296


 47.8209, 0.3665,
0.2801

 1.8559, 0.4589,
0.2043


 65.4437, 0.3614,
0.2847

 0.5216, 0.5220,
0.1514

 86.9377, 0.3571,
0.2885

 0.0000, 1.0000,
0.0000

 112.6875, 0.3535,
0.2916

 0.0000, 0.0000,
0.0000

143.0773, 0.3505,


0.2943


178.4917, 0.3479,
0.2967

 14.3366, 0.3916,
0.2586


 14.3366, 0.3916,
0.2586


 12.2357, 0.4135,
0.2496


 17.0458, 0.3721,
0.2700


 10.6921, 0.4371,
0.2441


 20.4047, 0.3551,
0.2827


 9.6502, 0.4615,
0.2433

 24.4533, 0.3406,
0.2959


 9.0323, 0.4854,
0.2476


 29.2279, 0.3284,
0.3089


 8.8485, 0.4944,
0.2497

 34.7621, 0.3182,
0.3215

 41.0876, 0.3098,
0.3333

 48.2342, 0.3028,
0.3443

 56.2300, 0.2970,
0.3545

 65.1020, 0.2922,
0.3639

Harmonies

Analogous

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



14.3366, 0.2966, 0.2160



14.3366, 0.3916, 0.2586



14.3366, 0.4692, 0.3159

Triad

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



14.3366, 0.3916, 0.2586



14.3366, 0.3917, 0.4930



14.3366, 0.1592, 0.2376

Complementary

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



14.3366, 0.3916, 0.2586



30.4123, 0.2735, 0.4168

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.



14.3366, 0.1759, 0.3128



14.3366, 0.3916, 0.2586



14.3366, 0.3063, 0.4902

Square

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



14.3366, 0.3916, 0.2586



14.3366, 0.4614, 0.4442



14.3366, 0.2272, 0.4151



14.3366, 0.1740, 0.2006

Rectangle

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



14.3366, 0.3916, 0.2586



14.3366, 0.4923, 0.3581



14.3366, 0.2272, 0.4151



14.3366, 0.1611, 0.2582

Sweetspot

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



14.3373, 0.3916, 0.2586



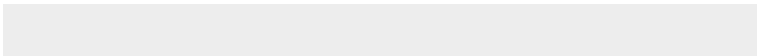
51.4089, 0.3295, 0.3076



11.5486, 0.2570, 0.1736



11.1210, 0.3317, 0.3051



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.



14.3373, 0.3916, 0.2586



20.9989, 0.4203, 0.2475



13.4623, 0.4778, 0.3295



7.6025, 0.3211, 0.3178



6.7803, 0.4923, 0.2485



0.1753, 0.4217, 0.2097

Inverse Universe

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



14.3373, 0.3916, 0.2586



20.9989, 0.4203, 0.2475



31.8464, 0.2431, 0.3288



7.6025, 0.3211, 0.3178



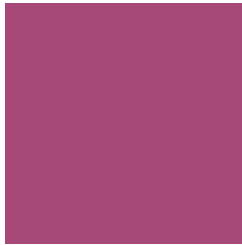
6.7803, 0.4923, 0.2485



0.1753, 0.4217, 0.2097

Previews

White Background



This preview shows how the Yxy color 14.3366, 0.3916, 0.2586 looks on a white background.

Color Contrast Check

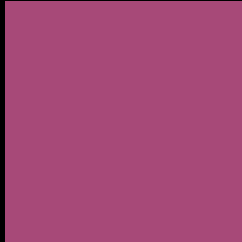
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.3366, 0.3916, 0.2586 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

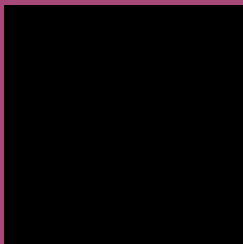
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.3366, 0.3916, 0.2586

Background



This preview shows how black text looks on a background with the Yxy color 14.3366, 0.3916, 0.2586.



This preview shows how white text looks on a background with the Yxy color 14.3366, 0.3916, 0.2586.

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

14.3366, 0.3916, 0.2586

Protanopia

14.5429, 0.2593, 0.2555

Deuteranopia

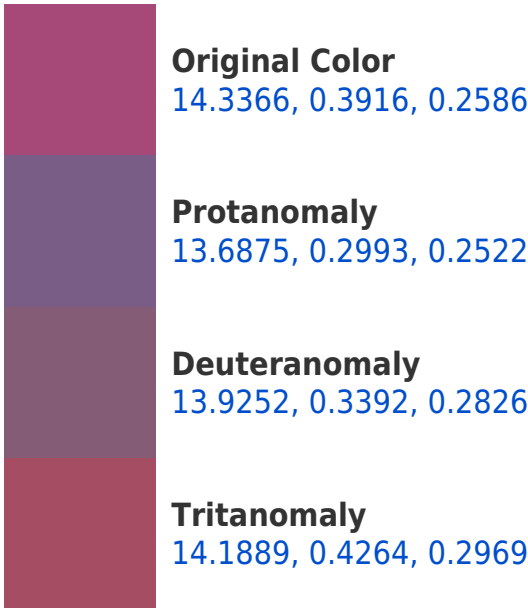
14.4490, 0.3111, 0.3046



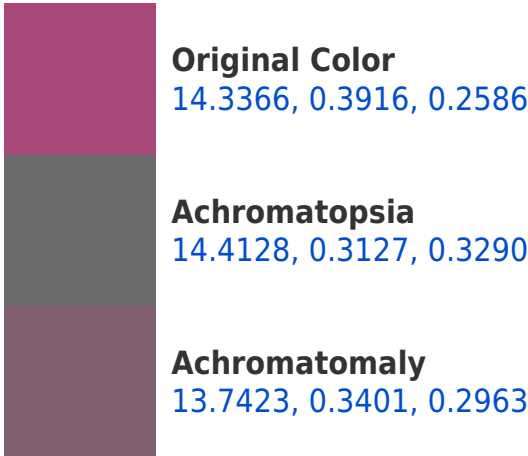
Tritanopia

14.3017, 0.4445, 0.3201

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.3366, 0.3916, 0.2586 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, 73, 120)` looks like.

```
.text, #text, p{  
    color:rgb(167, 73, 120)  
}
```

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, 73, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 73, 120) }
```

Border

The CSS property to change the border of an element to Yxy 14.3366, 0.3916, 0.2586 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, 73, 120) }
```

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

```
.border{ border-color:rgb(167, 73, 120) }
```

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

Here you see how a box with a 4 pixel rgb(167, 73, 120) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 73, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 73, 120);  
box-shadow:4px 4px 4px 4px rgb(167, 73,  
120) }
```


Background

The CSS property to change the background color of an element to Yxy 14.3366, 0.3916, 0.2586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 73, 120) }
```

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

```
.background{ background-color: rgb(167, 73,  
120) }
```

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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