

Converting Colors

$Y_{xy}(15.7397, 0.4044, 0.2984)$

Have a look what the booklet for
Yxy(15.7397, 0.4044, 0.2984)
contains.

Yxy(15.7495, 0.4052, 0.2993) 3

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Color

Yxy(15.7495, 0.4052, 0.2993)

Conversions

Conversions Part 1	
Format	Color
Hex	A4576A
RGB	164, 87, 106
RGB Percent	64%, 34%, 42%
CMY	0.3568, 0.6588, 0.5843
CMYK	0.00, 0.47, 0.35, 0.36
HSL	345°, 31%, 49%
HSV	345°, 47%, 64%
XYZ	21.3221, 15.7495, 15.5495
YIQ	112.1890, 39.7930, 22.2330

Conversions

Conversions Part 2

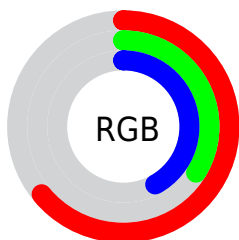
Format	Color
RYB	164, 87, 106
Decimal	10770282
CIELab	46.64, 33.79, 3.47
CIELCh	47, 33.968, 5.858
Yxy	15.7495, 0.4052, 0.2993
Android (android.graphics.Color)	4288960362 (0xFFA4576A)
YUV	112.1890, -3.0512, 45.4382
Hunter-Lab	39.6856, 26.4536, 4.5491

Details

The Yxy color **15.7495, 0.4052, 0.2993** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **30.6285, 0.2642, 0.3625**, and the grayscale version is **16.2619, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.2717, 0.3827, 0.3076**, and **4.9532, 0.4470, 0.2842** is the 20% darker color. If you saturate the color by 10%, you get **13.1508, 0.4372, 0.2941**, and if you desaturate by 10%, it is **18.9901, 0.3780, 0.3055**.

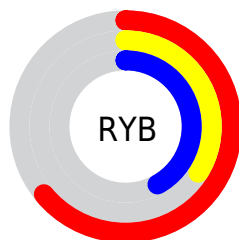
Distribution



Red (64%)

Green (34%)

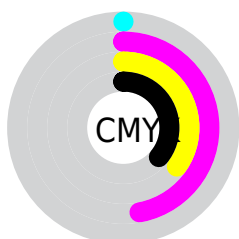
Blue (42%)



Red (64%)

Yellow (34%)

Blue (42%)

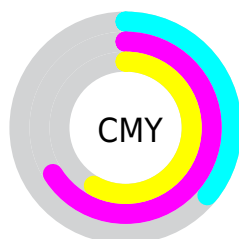


Cyan (0%)

Magenta (47%)

Yellow (35%)

Black (36%)



Cyan (36%)


Magenta (66%)

Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.7495, 0.4052, 0.2993 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 15.7495, 0.4052, 0.2993 by changing the saturation by 10% instead.


 15.7495, 0.4052,
0.2993

 15.7495, 0.4052,
0.2993


227.8590, 0.3506,
0.3174


 9.3471, 0.4227,
0.2932


 36.1628, 0.3828,
0.3069

 4.9682, 0.4481,
0.2842


 50.9424, 0.3752,
0.3094


 2.2286, 0.4883,
0.2694


 69.2832, 0.3691,
0.3114

 0.7355, 0.5714,
0.2436

 91.5696, 0.3641,
0.3130

 0.0000, 1.0000,
0.0000


 118.1860, 0.3599,
0.3144

 0.0000, 0.0000,
0.0000


149.5168, 0.3563,


0.3155

185.9463, 0.3532,
0.3165


 15.7495, 0.4052,
0.2993


 15.7495, 0.4052,
0.2993

 13.1508, 0.4372,
0.2941


 18.9901, 0.3780,
0.3055


 11.1488, 0.4733,
0.2909


 22.9094, 0.3553,
0.3121


 9.6959, 0.5118,
0.2907


 27.5440, 0.3367,
0.3186


 8.7362, 0.5495,
0.2942


 32.9272, 0.3216,
0.3249

 8.1861, 0.5827,
0.3014


 39.0902, 0.3092,
0.3307

 8.0508, 0.5920,
0.3035

 46.0626, 0.2992,
0.3361

 53.8722, 0.2909,
0.3411

 62.5457, 0.2842,
0.3455

 72.1084, 0.2786,
0.3496

Harmonies

Analogous

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



15.7495, 0.3392, 0.2576



15.7495, 0.4052, 0.2993



15.7495, 0.4442, 0.3493

Triad

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



15.7495, 0.4052, 0.2993



15.7495, 0.3425, 0.4533



15.7495, 0.1963, 0.2420

Complementary

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



15.7495, 0.4052, 0.2993



30.6285, 0.2642, 0.3625

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.



15.7495, 0.1969, 0.2860



15.7495, 0.4052, 0.2993



15.7495, 0.2770, 0.4202

Square

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



15.7495, 0.4052, 0.2993



15.7495, 0.4032, 0.4410



15.7495, 0.2246, 0.3529



15.7495, 0.2219, 0.2246

Rectangle

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



15.7495, 0.4052, 0.2993



15.7495, 0.4474, 0.3836



15.7495, 0.2246, 0.3529



15.7495, 0.1935, 0.2536

Sweetspot

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



15.7503, 0.4052, 0.2993



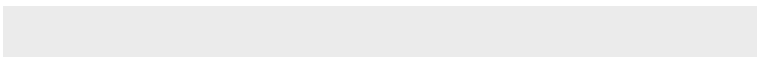
52.4838, 0.3323, 0.3204



15.4945, 0.2930, 0.2088



11.0561, 0.3357, 0.3190



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.



15.7503, 0.4052, 0.2993



23.8269, 0.4375, 0.2941



18.9422, 0.4219, 0.3597



7.1133, 0.3248, 0.3235



6.1781, 0.5896, 0.3021



0.1368, 0.4958, 0.2505

Inverse Universe

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



15.7503, 0.4052, 0.2993



23.8269, 0.4375, 0.2941



24.8852, 0.2454, 0.2947



7.1133, 0.3248, 0.3235



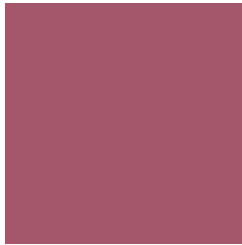
6.1781, 0.5896, 0.3021



0.1368, 0.4958, 0.2505

Previews

White Background



This preview shows how the Yxy color 15.7495, 0.4052, 0.2993 looks on a white background.

Color Contrast Check

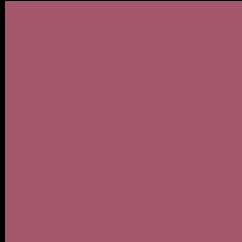
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.7495, 0.4052, 0.2993 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

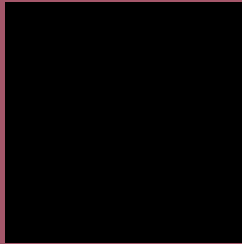
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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

Yxy 15.7495, 0.4052, 0.2993

Background



This preview shows how black text looks on a background with the Yxy color 15.7495, 0.4052, 0.2993.



This preview shows how white text looks on a background with the Yxy color 15.7495, 0.4052, 0.2993.

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

15.7495, 0.4052, 0.2993

Protanopia

15.8633, 0.3030, 0.3109

Deuteranopia

15.8546, 0.3435, 0.3369



Tritanopia

15.7575, 0.4210, 0.3198

Trichromacy



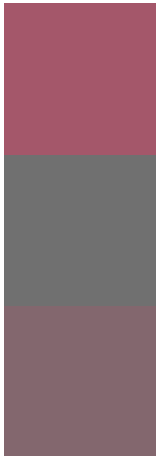
Original Color
15.7495, 0.4052, 0.2993

Protanomaly
15.4635, 0.3367, 0.3064

Deuteranomaly
15.6028, 0.3652, 0.3218

Tritanomaly
15.6668, 0.4149, 0.3118

Monochromacy



Original Color
15.7495, 0.4052, 0.2993

Achromatopsia
16.2029, 0.3127, 0.3290

Achromatomaly
15.6516, 0.3436, 0.3159

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.7495, 0.4052, 0.2993 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(164, 87, 106)` looks like.

```
.text, #text, p{  
    color:rgb(164, 87, 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(164, 87, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 87, 106) }
```

Border

The CSS property to change the border of an element to Yxy 15.7495, 0.4052, 0.2993 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(164, 87, 106) }
```

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

```
.border{ border-color:rgb(164, 87, 106) }
```

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

Here you see how a box with a 4 pixel rgb(164, 87, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 87, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 87, 106);  
box-shadow:4px 4px 4px 4px rgb(164, 87,  
106) }
```


Background

The CSS property to change the background color of an element to Yxy 15.7495, 0.4052, 0.2993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 87, 106) }
```

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

```
.background{ background-color: rgb(164, 87,  
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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