

Converting Colors

$Y_{xy}(15.0533, 0.4184, 0.3041)$

Have a look what the booklet for
Yxy(15.0533, 0.4184, 0.3041)
contains.

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Color

Yxy(14.9799, 0.4195, 0.3042)

Conversions

Conversions Part 1

Format	Color
Hex	A45363
RGB	164, 83, 99
RGB Percent	64%, 33%, 39%
CMY	0.3568, 0.6745, 0.6118
CMYK	0.00, 0.49, 0.40, 0.36
HSL	348°, 33%, 48%
HSV	348°, 49%, 64%
XYZ	20.6577, 14.9799, 13.6060
YIQ	109.0430, 43.1400, 22.1480

Conversions

Conversions Part 2

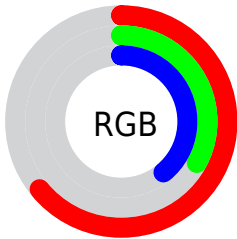
Format	Color
R_{YB}	164, 83, 99
Decimal	10769251
CIE _{Lab}	45.61, 35.07, 6.23
CIE _{LCh}	46, 35.623, 10.071
Yxy	14.9799, 0.4195, 0.3042
Android (android.graphics.Color)	4288959331 (0xFFA45363)
YUV	109.0430, -4.9512, 48.1973
Hunter-Lab	38.7039, 27.5403, 6.2498

Details

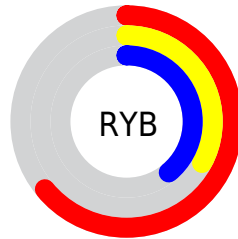
The Yxy color **14.9799, 0.4195, 0.3042** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **30.5343, 0.2596, 0.3572**, and the grayscale version is **15.3108, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.9021, 0.3922, 0.3112**, and **4.5960, 0.4698, 0.2882** is the 20% darker color. If you saturate the color by 10%, you get **12.5295, 0.4550, 0.3006**, and if you desaturate by 10%, it is **18.0665, 0.3890, 0.3090**.

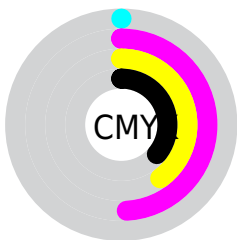
Distribution



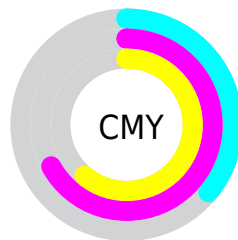
- Red (64%)
- Green (33%)
- Blue (39%)



- Red (64%)
- Yellow (33%)
- Blue (39%)



- Cyan (0%)
- Magenta (49%)
- Yellow (40%)
- Black (36%)




- Cyan (36%)
- Magenta (67%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.9799, 0.4195, 0.3042 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 14.9799, 0.4195, 0.3042 by changing the saturation by 10% instead.


 14.9799, 0.4195,
0.3042


 14.9799, 0.4195,
0.3042


223.2445, 0.3558,
0.3200


 8.8053, 0.4401,
0.2985


 34.8179, 0.3932,
0.3111


 4.6144, 0.4703,
0.2896

 49.2501, 0.3844,
0.3133


 2.0228, 0.5183,
0.2743

 67.2036, 0.3773,
0.3150

 0.6207, 0.6505,
0.2520

 89.0628, 0.3714,
0.3164

 0.0000, 1.0000,
0.0000

 115.2121, 0.3666,
0.3176

 0.0000, 0.0000,
0.0000

146.0359, 0.3624,

0.3185

181.9186, 0.3589,
0.3193

■ 14.9799, 0.4195,
0.3042

■ 14.9799, 0.4195,
0.3042

■ 12.5295, 0.4550,
0.3006

■ 18.0665, 0.3890,
0.3090

■ 10.6685, 0.4945,
0.2989

■ 21.8273, 0.3635,
0.3142

■ 9.3474, 0.5353,
0.3000

■ 26.2998, 0.3427,
0.3194


■ 8.5073, 0.5732,
0.3044

■ 31.5184, 0.3257,
0.3245


■ 8.0266, 0.6045,
0.3110


■ 37.5150, 0.3120,
0.3293

 8.0008, 0.6062,
0.3113

 44.3197, 0.3008,
0.3337

 51.9611, 0.2917,
0.3377

 60.4662, 0.2842,
0.3413

 69.8611, 0.2781,
0.3447

Harmonies

Analogous

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



14.9799, 0.3513, 0.2588



14.9799, 0.4195, 0.3042



14.9799, 0.4552, 0.3572

Triad

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



14.9799, 0.4195, 0.3042



14.9799, 0.3337, 0.4604



14.9799, 0.1919, 0.2324

Complementary

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



14.9799, 0.4195, 0.3042



30.5343, 0.2596, 0.3572

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.



14.9799, 0.1885, 0.2744



14.9799, 0.4195, 0.3042



14.9799, 0.2653, 0.4183

Square

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



14.9799, 0.4195, 0.3042



14.9799, 0.4001, 0.4520



14.9799, 0.2133, 0.3433



14.9799, 0.2224, 0.2183

Rectangle

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



14.9799, 0.4195, 0.3042



14.9799, 0.4539, 0.3932



14.9799, 0.2133, 0.3433



14.9799, 0.1877, 0.2431

Sweetspot

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



14.9807, 0.4195, 0.3042



51.4596, 0.3353, 0.3216



15.1449, 0.2969, 0.2046



10.8485, 0.3388, 0.3205



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.



14.9807, 0.4195, 0.3042



22.4639, 0.4577, 0.3004



19.0970, 0.4265, 0.3675



7.1078, 0.3255, 0.3246



6.1389, 0.6041, 0.3101



0.1349, 0.5173, 0.2624

Inverse Universe

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



14.9807, 0.4195, 0.3042



22.4639, 0.4577, 0.3004



23.1912, 0.2409, 0.2850



7.1078, 0.3255, 0.3246



6.1389, 0.6041, 0.3101



0.1349, 0.5173, 0.2624

Previews

White Background



This preview shows how the Yxy color 14.9799, 0.4195, 0.3042 looks on a white background.

Color Contrast Check

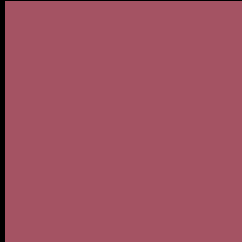
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.9799, 0.4195, 0.3042 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 14.9799, 0.4195, 0.3042

Background



This preview shows how black text looks on a background with the Yxy color 14.9799, 0.4195, 0.3042.



This preview shows how white text looks on a background with the Yxy color 14.9799, 0.4195, 0.3042.

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

14.9799, 0.4195, 0.3042

Protanopia

15.1686, 0.3078, 0.3187

Deuteranopia

15.2145, 0.3539, 0.3490



Tritanopia

14.8825, 0.4313, 0.3183

Trichromacy



Original Color

14.9799, 0.4195, 0.3042

Protanomaly

14.6735, 0.3447, 0.3118

Deuteranomaly

14.8829, 0.3789, 0.3310

Tritanomaly

14.9353, 0.4261, 0.3135

Monochromacy



Original Color

14.9799, 0.4195, 0.3042

Achromatopsia

15.2926, 0.3127, 0.3290

Achromatomaly

14.8014, 0.3488, 0.3195

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.9799, 0.4195, 0.3042 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, 83, 99)` looks like.

```
.text, #text, p{  
    color:rgb(164, 83, 99)  
}
```

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, 83, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 83, 99) }
```

Border

The CSS property to change the border of an element to Yxy 14.9799, 0.4195, 0.3042 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, 83, 99) }
```

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

```
.border{ border-color:rgb(164, 83, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 83, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 83, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 83, 99);  
box-shadow:4px 4px 4px 4px rgb(164, 83,  
99) }
```


Background

The CSS property to change the background color of an element to Yxy 14.9799, 0.4195, 0.3042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 83, 99) }
```

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

```
.background{ background-color: rgb(164, 83,  
99) }
```

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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