

Converting Colors

$Y_{xy}(16.4095, 0.4238, 0.3135)$

Have a look what the booklet for
Yxy(16.4095, 0.4238, 0.3135)
contains.

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Color

Yxy(16.3153, 0.4234, 0.3125)

Conversions

Conversions Part 1

Format	Color
Hex	A95863
RGB	169, 88, 99
RGB Percent	66%, 35%, 39%
CMY	0.3372, 0.6549, 0.6118
CMYK	0.00, 0.48, 0.41, 0.34
HSL	352°, 32%, 50%
HSV	352°, 48%, 66%
XYZ	22.1053, 16.3153, 13.7884
YIQ	113.4730, 44.7450, 20.5930

Conversions

Conversions Part 2

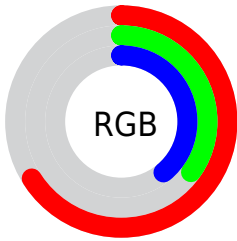
Format	Color
R_{YB}	169, 88, 99
Decimal	11098211
CIE _{Lab}	47.39, 34.27, 8.85
CIE _{LCh}	47, 35.395, 14.481
Yxy	16.3153, 0.4234, 0.3125
Android (android.graphics.Color)	4289288291 (0xFFA95863)
YUV	113.4730, -7.1352, 48.6972
Hunter-Lab	40.3922, 27.0006, 8.0352

Details

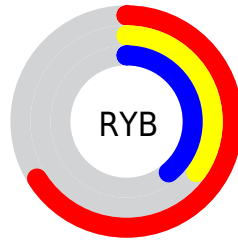
The Yxy color **16.3153, 0.4234, 0.3125** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **32.9224, 0.2574, 0.3475**, and the grayscale version is **16.6735, 0.3127, 0.3290**.

A 20% lighter version of the original color is **37.2891, 0.3964, 0.3175**, and **5.2855, 0.4735, 0.3013** is the 20% darker color. If you saturate the color by 10%, you get **13.6012, 0.4614, 0.3101**, and if you desaturate by 10%, it is **19.7247, 0.3909, 0.3158**.

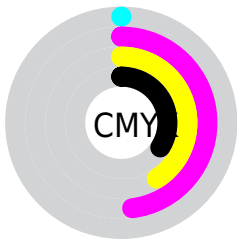
Distribution



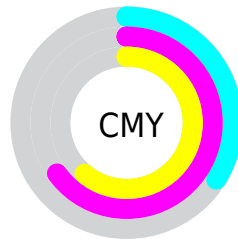
- Red (66%)
- Green (35%)
- Blue (39%)



- Red (66%)
- Yellow (35%)
- Blue (39%)



- Cyan (0%)
- Magenta (48%)
- Yellow (41%)
- Black (34%)





- Cyan (34%)
- Magenta (65%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 16.3153, 0.4234, 0.3125 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 16.3153, 0.4234, 0.3125 by changing the saturation by 10% instead.


 16.3153, 0.4234,
0.3125


 16.3153, 0.4234,
0.3125


231.1951, 0.3580,
0.3237

 9.7475, 0.4442,
0.3081


 37.1447, 0.3967,
0.3176


 5.2319, 0.4742,
0.3011

 52.1752, 0.3876,
0.3191


 2.3840, 0.5208,
0.2887

 70.7953, 0.3803,
0.3203

 0.8176, 0.6324,
0.2760

 93.3895, 0.3742,
0.3213

 0.0000, 1.0000,
0.0000

 120.3422, 0.3692,
0.3221

 0.0000, 0.0000,
0.0000

152.0378, 0.3649,

0.3227

188.8606, 0.3612,
0.3233

■ 16.3153, 0.4234,
0.3125

■ 16.3153, 0.4234,
0.3125

■ 13.6012, 0.4614,
0.3101

■ 19.7247, 0.3909,
0.3158

■ 11.5322, 0.5035,
0.3090

■ 23.8703, 0.3640,
0.3193

■ 10.0552, 0.5467,
0.3101


■ 28.7926, 0.3421,
0.3230


■ 9.1075, 0.5858,
0.3136


■ 34.5285, 0.3243,
0.3264

■ 8.5862, 0.6159,
0.3188


■ 41.1126, 0.3100,
0.3296

 8.4975, 0.6211,
0.3195

 48.5775, 0.2984,
0.3326

 56.9539, 0.2890,
0.3353

 66.2712, 0.2813,
0.3378

 76.5575, 0.2749,
0.3400

Harmonies

Analogous

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



16.3153, 0.3607, 0.2667



16.3153, 0.4234, 0.3125



16.3153, 0.4519, 0.3647

Triad

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



16.3153, 0.4234, 0.3125



16.3153, 0.3234, 0.4526



16.3153, 0.1982, 0.2318

Complementary

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



16.3153, 0.4234, 0.3125



32.9224, 0.2574, 0.3475

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.



16.3153, 0.1909, 0.2687



16.3153, 0.4234, 0.3125



16.3153, 0.2583, 0.4054

Square

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



16.3153, 0.4234, 0.3125



16.3153, 0.3891, 0.4518



16.3153, 0.2111, 0.3321



16.3153, 0.2317, 0.2215

Rectangle

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



16.3153, 0.4234, 0.3125



16.3153, 0.4466, 0.3993



16.3153, 0.2111, 0.3321



16.3153, 0.1928, 0.2410

Sweetspot

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



16.3161, 0.4234, 0.3125



55.1690, 0.3351, 0.3242



16.9979, 0.3026, 0.2097



11.5763, 0.3390, 0.3235



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.



16.3161, 0.4234, 0.3125



23.8916, 0.4659, 0.3099



21.7127, 0.4190, 0.3727



7.5583, 0.3265, 0.3260



6.3374, 0.6192, 0.3185



0.1590, 0.5523, 0.2816

Inverse Universe

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



16.3161, 0.4234, 0.3125



23.8916, 0.4659, 0.3099



23.8877, 0.2413, 0.2790



7.5583, 0.3265, 0.3260



6.3374, 0.6192, 0.3185



0.1590, 0.5523, 0.2816

Previews

White Background



This preview shows how the Yxy color 16.3153, 0.4234, 0.3125 looks on a white background.

Color Contrast Check

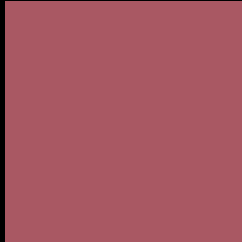
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.3153, 0.4234, 0.3125 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

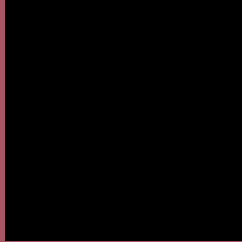
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 16.3153, 0.4234, 0.3125

Background



This preview shows how black text looks on a background with the Yxy color 16.3153, 0.4234, 0.3125.



This preview shows how white text looks on a background with the Yxy color 16.3153, 0.4234, 0.3125.

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

16.3153, 0.4234, 0.3125

Protanopia

16.4030, 0.3167, 0.3290

Deuteranopia

16.5276, 0.3596, 0.3540



Tritanopia

16.4060, 0.4294, 0.3202

Trichromacy



Original Color

16.3153, 0.4234, 0.3125

Protanomaly

15.9129, 0.3537, 0.3217

Deuteranomaly

16.0997, 0.3826, 0.3364

Tritanomaly

16.4243, 0.4277, 0.3186

Monochromacy



Original Color

16.3153, 0.4234, 0.3125

Achromatopsia

16.5132, 0.3127, 0.3290

Achromatomaly

15.9699, 0.3490, 0.3216

CSS Examples

Text

The CSS property to change the color of the text to Yxy 16.3153, 0.4234, 0.3125 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(169, 88, 99)` looks like.

```
.text, #text, p{  
    color:rgb(169, 88, 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(169, 88, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 88, 99) }
```

Border

The CSS property to change the border of an element to Yxy 16.3153, 0.4234, 0.3125 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(169, 88, 99) }
```

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

```
.border{ border-color:rgb(169, 88, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 88, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 88, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 88, 99);  
box-shadow:4px 4px 4px 4px rgb(169, 88,  
99) }
```


Background

The CSS property to change the background color of an element to Yxy 16.3153, 0.4234, 0.3125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 88, 99) }
```

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

```
.background{ background-color: rgb(169, 88,  
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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