

Converting Colors

$Y_{xy}(15.3327, 0.4290, 0.3168)$

Have a look what the booklet for
Yxy(15.3327, 0.4290, 0.3168)
contains.

Yxy(15.2866, 0.4299, 0.3169)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(15.2866, 0.4299, 0.3169)

Conversions

Conversions Part 1

Format	Color
Hex	A5555D
RGB	165, 85, 93
RGB Percent	65%, 33%, 36%
CMY	0.3530, 0.6666, 0.6353
CMYK	0.00, 0.48, 0.44, 0.35
HSL	354°, 32%, 49%
HSV	354°, 48%, 65%
XYZ	20.7375, 15.2866, 12.2138
YIQ	109.8320, 45.1120, 19.4480

Conversions

Conversions Part 2

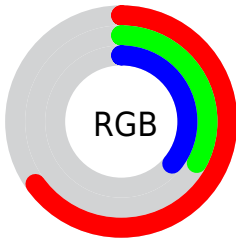
Format	Color
R_{YB}	165, 85, 93
Decimal	10835293
CIE Lab	46.02, 33.66, 10.48
CIE LCh	46, 35.255, 17.298
Yxy	15.2866, 0.4299, 0.3169
Android (android.graphics.Color)	4289025373 (0xFFA5555D)
YUV	109.8320, -8.2982, 48.3823
Hunter-Lab	39.0981, 26.2541, 8.8471

Details

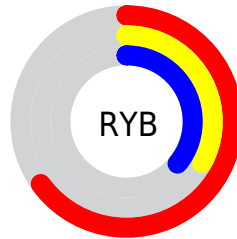
The Yxy color **15.2866, 0.4299, 0.3169** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **31.2676, 0.2552, 0.3426**, and the grayscale version is **15.5581, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.2795, 0.4020, 0.3209**, and **4.7820, 0.4865, 0.3071** is the 20% darker color. If you saturate the color by 10%, you get **12.7468, 0.4697, 0.3153**, and if you desaturate by 10%, it is **18.4847, 0.3957, 0.3192**.

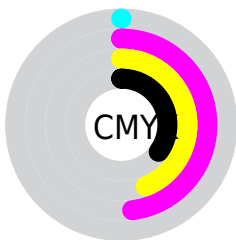
Distribution



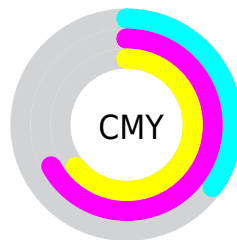
- Red (65%)
- Green (33%)
- Blue (36%)



- Red (65%)
- Yellow (33%)
- Blue (36%)



- Cyan (0%)
- Magenta (48%)
- Yellow (44%)
- Black (35%)





- Cyan (35%)
- Magenta (67%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 15.2866, 0.4299, 0.3169 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 15.2866, 0.4299, 0.3169 by changing the saturation by 10% instead.


 15.2866, 0.4299,
0.3169

 15.2866, 0.4299,
0.3169


225.0944, 0.3600,
0.3260


 9.0208, 0.4524,
0.3129


 35.3552, 0.4011,
0.3213

 4.7547, 0.4852,
0.3062

 49.9267, 0.3914,
0.3225


 2.1041, 0.5367,
0.2934

 68.0356, 0.3836,
0.3235

 0.6669, 0.7080,
0.2920

 90.0663, 0.3772,
0.3242

 0.0000, 1.0000,
0.0000

 116.4031, 0.3718,
0.3248

 0.0000, 0.0000,
0.0000

147.4305, 0.3673,

0.3253

183.5328, 0.3634,
0.3256

■ 15.2866, 0.4299,
0.3169

■ 15.2866, 0.4299,
0.3169

■ 12.7468, 0.4697,
0.3153

■ 18.4847, 0.3957,
0.3192

■ 10.8172, 0.5135,
0.3147

■ 22.3800, 0.3674,
0.3218

■ 9.4472, 0.5574,
0.3159


■ 27.0114, 0.3443,
0.3244

■ 8.5766, 0.5959,
0.3188

■ 32.4139, 0.3256,
0.3270

■ 8.0978, 0.6238,
0.3227

■ 38.6204, 0.3106,
0.3294

 8.0355, 0.6273,
0.3230

 45.6621, 0.2985,
0.3315

 53.5683, 0.2886,
0.3335

 62.3669, 0.2806,
0.3353

 72.0846, 0.2739,
0.3369

Harmonies

Analogous

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



15.2866, 0.3684, 0.2696



15.2866, 0.4299, 0.3169



15.2866, 0.4547, 0.3700

Triad

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



15.2866, 0.4299, 0.3169



15.2866, 0.3168, 0.4526



15.2866, 0.1985, 0.2281

Complementary

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



15.2866, 0.4299, 0.3169



31.2676, 0.2552, 0.3426

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.



15.2866, 0.1886, 0.2628



15.2866, 0.4299, 0.3169



15.2866, 0.2518, 0.4004

Square

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



15.2866, 0.4299, 0.3169



15.2866, 0.3843, 0.4559



15.2866, 0.2063, 0.3251



15.2866, 0.2349, 0.2202

Rectangle

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



15.2866, 0.4299, 0.3169



15.2866, 0.4466, 0.4049



15.2866, 0.2063, 0.3251



15.2866, 0.1922, 0.2365

Sweetspot

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



15.2874, 0.4299, 0.3169



51.3253, 0.3379, 0.3253



16.3821, 0.3077, 0.2105



10.8161, 0.3418, 0.3248



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.



15.2874, 0.4299, 0.3169



22.5991, 0.4722, 0.3152



21.3761, 0.4171, 0.3792



7.0969, 0.3270, 0.3268



6.0847, 0.6258, 0.3221



0.1311, 0.5693, 0.2910

Inverse Universe

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



15.2874, 0.4299, 0.3169



22.5991, 0.4722, 0.3152



21.4213, 0.2393, 0.2709



7.0969, 0.3270, 0.3268



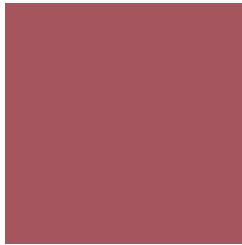
6.0847, 0.6258, 0.3221



0.1311, 0.5693, 0.2910

Previews

White Background



This preview shows how the Yxy color 15.2866, 0.4299, 0.3169 looks on a white background.

Color Contrast Check

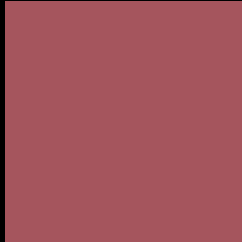
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.2866, 0.4299, 0.3169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

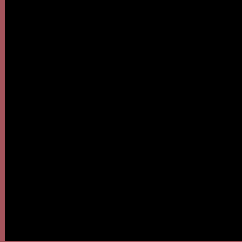
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.2866, 0.4299, 0.3169

Background



This preview shows how black text looks on a background with the Yxy color 15.2866, 0.4299, 0.3169.



This preview shows how white text looks on a background with the Yxy color 15.2866, 0.4299, 0.3169.

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

15.2866, 0.4299, 0.3169

Protanopia

15.4019, 0.3219, 0.3373

Deuteranopia

15.3534, 0.3655, 0.3586



Tritanopia

15.2517, 0.4334, 0.3200

Trichromacy



Original Color

15.2866, 0.4299, 0.3169

Protanomaly

14.8792, 0.3577, 0.3272

Deuteranomaly

15.1534, 0.3891, 0.3420

Tritanomaly

15.2690, 0.4317, 0.3185

Monochromacy



Original Color

15.2866, 0.4299, 0.3169

Achromatopsia

15.5926, 0.3127, 0.3290

Achromatomaly

15.0527, 0.3514, 0.3234

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.2866, 0.4299, 0.3169 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(165, 85, 93)` looks like.

```
.text, #text, p{  
    color:rgb(165, 85, 93)  
}
```

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(165, 85, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 85, 93) }
```

Border

The CSS property to change the border of an element to Yxy 15.2866, 0.4299, 0.3169 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(165, 85, 93) }
```

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

```
.border{ border-color:rgb(165, 85, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 85, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 85, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 85, 93);  
box-shadow:4px 4px 4px 4px rgb(165, 85,  
93) }
```


Background

The CSS property to change the background color of an element to Yxy 15.2866, 0.4299, 0.3169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 85, 93) }
```

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

```
.background{ background-color: rgb(165, 85,  
93) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor