

Converting Colors

$Y_{xy}(16.2226, 0.3404, 0.2564)$

Have a look what the booklet for
Yxy(16.2226, 0.3404, 0.2564)
contains.

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Color

Yxy(16.3305, 0.3403, 0.2565)

Conversions

Conversions Part 1

Format	Color
Hex	9A5C89
RGB	154, 92, 137
RGB Percent	60%, 36%, 54%
CMY	0.3961, 0.6392, 0.4628
CMYK	0.00, 0.40, 0.11, 0.40
HSL	316°, 25%, 48%
HSV	316°, 40%, 60%
XYZ	21.6658, 16.3305, 25.6704
YIQ	115.6680, 22.5070, 27.1390

Conversions

Conversions Part 2

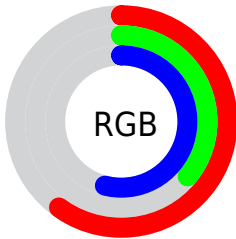
Format	Color
R_{YB}	154, 92, 137
Decimal	10116233
CIE _{Lab}	47.41, 32.13, -14.23
CIE _{LCh}	47, 35.146, 336.109
Yxy	16.3305, 0.3403, 0.2565
Android (android.graphics.Color)	4288306313 (0xFF9A5C89)
YUV	115.6680, 10.5167, 33.6172
Hunter-Lab	40.4110, 24.9809, -9.3752

Details

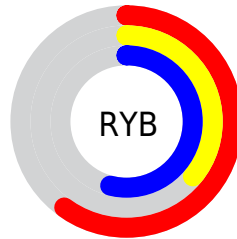
The Yxy color **16.3305, 0.3403, 0.2565** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **26.4870, 0.2935, 0.4151**, and the grayscale version is **17.3210, 0.3127, 0.3290**.

A 20% lighter version of the original color is **37.3659, 0.3353, 0.2733**, and **5.1826, 0.3498, 0.2280** is the 20% darker color. If you saturate the color by 10%, you get **13.8097, 0.3496, 0.2394**, and if you desaturate by 10%, it is **19.3998, 0.3319, 0.2746**.

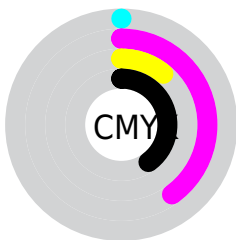
Distribution



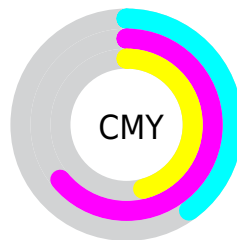
- Red (60%)
- Green (36%)
- Blue (54%)



- Red (60%)
- Yellow (36%)
- Blue (54%)



- Cyan (0%)
- Magenta (40%)
- Yellow (11%)
- Black (40%)





- Cyan (40%)
- Magenta (64%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 16.3305, 0.3403, 0.2565 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 16.3305, 0.3403, 0.2565 by changing the saturation by 10% instead.


 16.3305, 0.3403,
0.2565


 16.3305, 0.3403,
0.2565


231.2841, 0.3252,
0.2967


 9.7583, 0.3446,
0.2449


 37.1710, 0.3345,
0.2722


 5.2390, 0.3503,
0.2291


 52.2082, 0.3324,
0.2777

 2.3882, 0.3585,
0.2061

 70.8357, 0.3306,
0.2823

 0.8198, 0.3710,
0.1700

 93.4382, 0.3292,
0.2861

 0.0000, 0.4284,
0.0000

120.3998, 0.3280,
0.2894

 0.0000, 0.0000,
0.0000

152.1051, 0.3269,

0.2922

188.9384, 0.3260,
0.2946

■ 16.3305, 0.3403,
0.2565

■ 16.3305, 0.3403,
0.2565

■ 13.8097, 0.3496,
0.2394

■ 19.3998, 0.3319,
0.2746

■ 11.8021, 0.3598,
0.2243

■ 23.0458, 0.3246,
0.2931

■ 10.2716, 0.3707,
0.2121


■ 27.2972, 0.3183,
0.3112


■ 9.1767, 0.3818,
0.2038

■ 32.1804, 0.3128,
0.3286

■ 8.4685, 0.3929,
0.2000


■ 37.7200, 0.3082,
0.3451

 8.0326, 0.4037,
0.1997

 43.9393, 0.3043,
0.3604

 50.8608, 0.3011,
0.3747

 58.5054, 0.2983,
0.3878

 66.8936, 0.2961,
0.3999

Harmonies

Analogous

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



16.3305, 0.2714, 0.2294



16.3305, 0.3403, 0.2565



16.3305, 0.4077, 0.2990

Triad

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



16.3305, 0.3403, 0.2565



16.3305, 0.4045, 0.4435



16.3305, 0.1945, 0.2844

Complementary

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



16.3305, 0.3403, 0.2565



26.4870, 0.2935, 0.4151

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.



16.3305, 0.2224, 0.3527



16.3305, 0.3403, 0.2565



16.3305, 0.3423, 0.4562

Square

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



16.3305, 0.3403, 0.2565



16.3305, 0.4445, 0.4016



16.3305, 0.2756, 0.4220



16.3305, 0.1942, 0.2399

Rectangle

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



16.3305, 0.3403, 0.2565



16.3305, 0.4385, 0.3324



16.3305, 0.2756, 0.4220



16.3305, 0.2007, 0.3051

Sweetspot

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



16.3313, 0.3403, 0.2565



47.9653, 0.3195, 0.3076



13.2118, 0.2591, 0.2152



10.6417, 0.3202, 0.3055



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



16.3313, 0.3403, 0.2565



25.6251, 0.3484, 0.2415



15.5761, 0.3872, 0.3049



6.2947, 0.3177, 0.3130



6.5519, 0.4029, 0.1993



0.1040, 0.3601, 0.1758

Inverse Universe

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



16.3313, 0.3403, 0.2565



25.6251, 0.3484, 0.2415



27.2620, 0.2693, 0.3553



6.2947, 0.3177, 0.3130



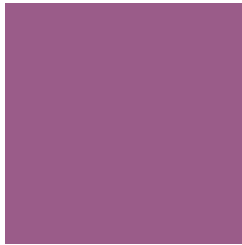
6.5519, 0.4029, 0.1993



0.1040, 0.3601, 0.1758

Previews

White Background



This preview shows how the Yxy color 16.3305, 0.3403, 0.2565 looks on a white background.

Color Contrast Check

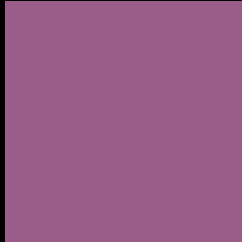
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.3305, 0.3403, 0.2565 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

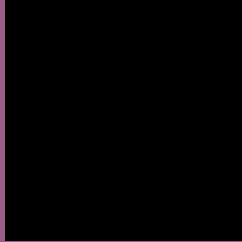
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 16.3305, 0.3403, 0.2565

Background



This preview shows how black text looks on a background with the Yxy color 16.3305, 0.3403, 0.2565.



This preview shows how white text looks on a background with the Yxy color 16.3305, 0.3403, 0.2565.

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

16.3305, 0.3403, 0.2565

Protanopia

16.4280, 0.2587, 0.2537

Deuteranopia

16.4505, 0.2894, 0.2831



Tritanopia

16.2600, 0.3792, 0.3154

Trichromacy



Original Color

16.3305, 0.3403, 0.2565

Protanomaly

16.0409, 0.2843, 0.2530

Deuteranomaly

16.1169, 0.3074, 0.2710

Tritanomaly

16.2294, 0.3646, 0.2936

Monochromacy



Original Color

16.3305, 0.3403, 0.2565

Achromatopsia

17.4647, 0.3127, 0.3290

Achromatomaly

16.7165, 0.3223, 0.2977

CSS Examples

Text

The CSS property to change the color of the text to Yxy 16.3305, 0.3403, 0.2565 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(154, 92, 137)` looks like.

```
.text, #text, p{  
    color:rgb(154, 92, 137)  
}
```

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(154, 92, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 92, 137) }
```

Border

The CSS property to change the border of an element to Yxy 16.3305, 0.3403, 0.2565 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(154, 92, 137) }
```

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

```
.border{ border-color:rgb(154, 92, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 92, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 92, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 92, 137);  
box-shadow:4px 4px 4px 4px rgb(154, 92,  
137) }
```


Background

The CSS property to change the background color of an element to Yxy 16.3305, 0.3403, 0.2565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 92, 137) }
```

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

```
.background{ background-color: rgb(154, 92,  
137) }
```

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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