

Converting Colors

$Y_{xy}(15.4757, 0.3256, 0.2597)$

Have a look what the booklet for
Yxy(15.4757, 0.3256, 0.2597)
contains.

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Color

Yxy(15.4174, 0.3245, 0.2584)

Conversions

Conversions Part 1

Format	Color
Hex	8D5E87
RGB	141, 94, 135
RGB Percent	55%, 37%, 53%
CMY	0.4471, 0.6314, 0.4705
CMYK	0.00, 0.33, 0.04, 0.45
HSL	308°, 20%, 46%
HSV	308°, 33%, 55%
XYZ	19.3612, 15.4174, 24.8862
YIQ	112.7270, 14.8510, 22.7150

Conversions

Conversions Part 2

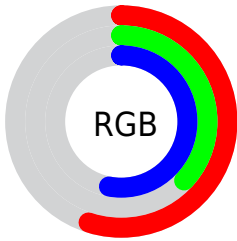
Format	Color
R_{YB}	141, 94, 135
Decimal	9264775
CIE _{Lab}	46.20, 26.09, -15.04
CIE _{LCh}	46, 30.113, 330.037
Yxy	15.4174, 0.3245, 0.2584
Android (android.graphics.Color)	4287454855 (0xFF8D5E87)
YUV	112.7270, 10.9806, 24.7954
Hunter-Lab	39.2650, 19.3031, -10.0926

Details

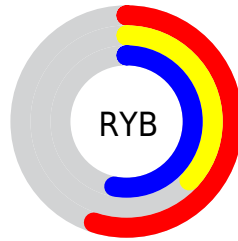
The Yxy color **15.4174, 0.3245, 0.2584** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **22.3481, 0.3028, 0.4117**, and the grayscale version is **16.3926, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.4837, 0.3223, 0.2742**, and **4.7835, 0.3289, 0.2303** is the 20% darker color. If you saturate the color by 10%, you get **13.0853, 0.3288, 0.2378**, and if you desaturate by 10%, it is **18.2098, 0.3205, 0.2798**.

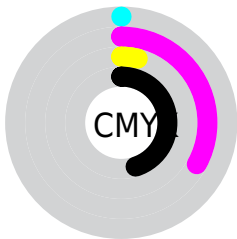
Distribution



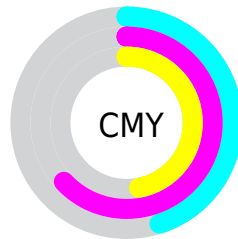
- Red (55%)
- Green (37%)
- Blue (53%)



- Red (55%)
- Yellow (37%)
- Blue (53%)



- Cyan (0%)
- Magenta (33%)
- Yellow (4%)
- Black (45%)




- Cyan (45%)
- Magenta (63%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.4174, 0.3245, 0.2584 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 15.4174, 0.3245, 0.2584 by changing the saturation by 10% instead.


 15.4174, 0.3245,
0.2584


 15.4174, 0.3245,
0.2584


225.8789, 0.3184,
0.2980

 9.1128, 0.3260,
0.2468


 35.5838, 0.3223,
0.2740


 4.8149, 0.3278,
0.2307


 50.2144, 0.3214,
0.2795

 2.1390, 0.3300,
0.2071

 68.3892, 0.3207,
0.2840

 0.6865, 0.3331,
0.1665

 90.4924, 0.3201,
0.2877

 0.0000, 0.2854,
0.0000

116.9087, 0.3196,
0.2909

 0.0000, 0.0000,
0.0000

148.0222, 0.3192,

0.2936

184.2175, 0.3188,
0.2960

■ 15.4174, 0.3245,
0.2584

■ 15.4174, 0.3245,
0.2584

■ 13.0853, 0.3288,
0.2378

■ 18.2098, 0.3205,
0.2798

■ 11.1865, 0.3334,
0.2188

■ 21.4835, 0.3169,
0.3012

■ 9.6943, 0.3382,
0.2023


■ 25.2608, 0.3137,
0.3222


■ 8.5782, 0.3430,
0.1892


■ 29.5618, 0.3109,
0.3423


■ 7.8035, 0.3477,
0.1800


■ 34.4057, 0.3084,
0.3612

 7.3288, 0.3521,
0.1750

 39.8106, 0.3063,
0.3788

 7.0945, 0.3550,
0.1729

 45.7939, 0.3045,
0.3951

 52.3720, 0.3030,
0.4100

 59.5609, 0.3017,
0.4237

Harmonies

Analogous

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



15.4174, 0.2659, 0.2374



15.4174, 0.3245, 0.2584



15.4174, 0.3851, 0.2944

Triad

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



15.4174, 0.3245, 0.2584



15.4174, 0.4035, 0.4246



15.4174, 0.2110, 0.3017

Complementary

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



15.4174, 0.3245, 0.2584



22.3481, 0.3028, 0.4117

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.



15.4174, 0.2414, 0.3631



15.4174, 0.3245, 0.2584



15.4174, 0.3518, 0.4403

Square

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



15.4174, 0.3245, 0.2584



15.4174, 0.4320, 0.3859



15.4174, 0.2924, 0.4182



15.4174, 0.2054, 0.2570

Rectangle

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



15.4174, 0.3245, 0.2584



15.4174, 0.4159, 0.3238



15.4174, 0.2924, 0.4182



15.4174, 0.2184, 0.3211

Sweetspot

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



15.4181, 0.3245, 0.2584



40.4851, 0.3159, 0.3079



12.6087, 0.2618, 0.2356



8.8629, 0.3163, 0.3053



71.0566, 0.3127, 0.3290



10.6539, 0.3127, 0.3290

Same Dimension

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



15.4181, 0.3245, 0.2584



24.3939, 0.3277, 0.2428



14.8383, 0.3582, 0.2967



5.4994, 0.3155, 0.3100



6.4708, 0.3549, 0.1728



0.0640, 0.3363, 0.1626

Inverse Universe

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



15.4181, 0.3245, 0.2584



24.3939, 0.3277, 0.2428



22.8581, 0.2822, 0.3641



5.4994, 0.3155, 0.3100



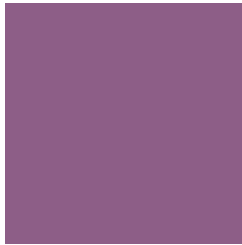
6.4708, 0.3549, 0.1728



0.0640, 0.3363, 0.1626

Previews

White Background



This preview shows how the Yxy color 15.4174, 0.3245, 0.2584 looks on a white background.

Color Contrast Check

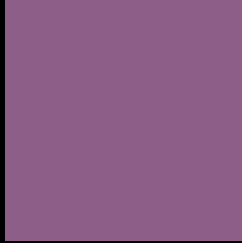
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.4174, 0.3245, 0.2584 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

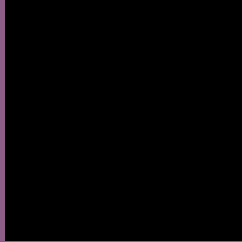
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.4174, 0.3245, 0.2584

Background



This preview shows how black text looks on a background with the Yxy color 15.4174, 0.3245, 0.2584.



This preview shows how white text looks on a background with the Yxy color 15.4174, 0.3245, 0.2584.

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

15.4174, 0.3245, 0.2584

Protanopia

15.4788, 0.2615, 0.2573

Deuteranopia

15.4601, 0.2841, 0.2781



Tritanopia

15.3036, 0.3581, 0.3144

Trichromacy



Original Color

15.4174, 0.3245, 0.2584

Protanomaly

15.2684, 0.2823, 0.2576

Deuteranomaly

15.2889, 0.2980, 0.2690

Tritanomaly

15.2370, 0.3453, 0.2929

Monochromacy



Original Color

15.4174, 0.3245, 0.2584

Achromatopsia

16.5132, 0.3127, 0.3290

Achromatomaly

15.8995, 0.3168, 0.3003

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.4174, 0.3245, 0.2584 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(141, 94, 135)` looks like.

```
.text, #text, p{  
    color:rgb(141, 94, 135)  
}
```

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(141, 94, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 94, 135) }
```

Border

The CSS property to change the border of an element to Yxy 15.4174, 0.3245, 0.2584 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(141, 94, 135) }
```

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

```
.border{ border-color:rgb(141, 94, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 94, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(141, 94, 135); -webkit-box-shadow:4px 4px 4px 4px rgb(141, 94, 135); box-shadow:4px 4px 4px 4px rgb(141, 94, 135) }
```


Background

The CSS property to change the background color of an element to Yxy 15.4174, 0.3245, 0.2584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 94, 135) }
```

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

```
.background{ background-color: rgb(141, 94,  
135) }
```

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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