

Converting Colors

$Y_{xy}(16.7329, 0.3194, 0.2547)$

Have a look what the booklet for
Yxy(16.7329, 0.3194, 0.2547)
contains.

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Color

Yxy(16.7383, 0.3189, 0.2542)

Conversions

Conversions Part 1

Format	Color
Hex	91628F
RGB	145, 98, 143
RGB Percent	57%, 38%, 56%
CMY	0.4315, 0.6156, 0.4392
CMYK	0.00, 0.32, 0.01, 0.43
HSL	303°, 19%, 48%
HSV	303°, 32%, 57%
XYZ	20.9986, 16.7383, 28.1101
YIQ	117.1830, 13.5670, 23.9590

Conversions

Conversions Part 2

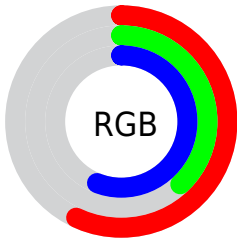
Format	Color
R _Y B	145, 98, 143
Decimal	9527951
CIE Lab	47.93, 26.71, -17.13
CIE LCh	48, 31.730, 327.330
Yxy	16.7383, 0.3189, 0.2542
Android (android.graphics.Color)	4287718031 (0xFF91628F)
YUV	117.1830, 12.7278, 24.3955
Hunter-Lab	40.9125, 20.0195, -12.0981

Details

The Yxy color **16.7383, 0.3189, 0.2542** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **23.7594, 0.3066, 0.4173**, and the grayscale version is **17.8058, 0.3127, 0.3290**.

A 20% lighter version of the original color is **37.8055, 0.3184, 0.2696**, and **5.4512, 0.3197, 0.2254** is the 20% darker color. If you saturate the color by 10%, you get **14.2484, 0.3210, 0.2320**, and if you desaturate by 10%, it is **19.7212, 0.3169, 0.2774**.

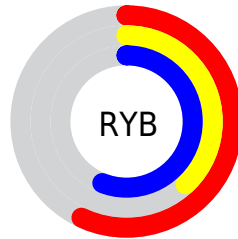
Distribution



Red (57%)

Green (38%)

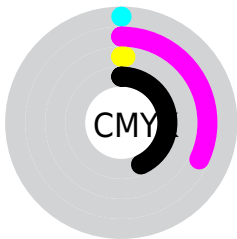
Blue (56%)



Red (57%)

Yellow (38%)

Blue (56%)

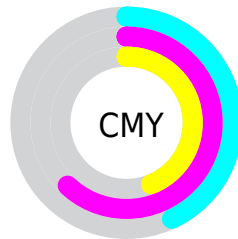


Cyan (0%)

Magenta (32%)

Yellow (1%)

Black (43%)



Cyan (43%)


Magenta (62%)

Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 16.7383, 0.3189, 0.2542 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 16.7383, 0.3189, 0.2542 by changing the saturation by 10% instead.


 16.7383, 0.3189,
0.2542


 16.7383, 0.3189,
0.2542


233.6597, 0.3162,
0.2956


 10.0481, 0.3193,
0.2424

 37.8753, 0.3181,
0.2703


 5.4308, 0.3195,
0.2263


 53.0908, 0.3177,
0.2760

 2.5022, 0.3192,
0.2031

 71.9169, 0.3174,
0.2807

 0.8777, 0.3170,
0.1672

 94.7380, 0.3171,
0.2846

 0.0000, 0.3141,
0.0000

121.9384, 0.3169,
0.2880

 0.0000, 0.0000,
0.0000

153.9026, 0.3166,

0.2909

191.0149, 0.3164,
0.2934

■ 16.7383, 0.3189,
0.2542

■ 16.7383, 0.3189,
0.2542

■ 14.2484, 0.3210,
0.2320

■ 19.7212, 0.3169,
0.2774

■ 12.2228, 0.3231,
0.2116

■ 23.2193, 0.3149,
0.3007

■ 10.6330, 0.3252,
0.1939


■ 27.2564, 0.3131,
0.3237


■ 9.4468, 0.3271,
0.1796


■ 31.8540, 0.3115,
0.3456

■ 8.6275, 0.3289,
0.1693


■ 37.0324, 0.3100,
0.3664


 8.1315, 0.3304,
0.1631

 42.8110, 0.3087,
0.3857

 7.8777, 0.3315,
0.1600

 49.2082, 0.3075,
0.4036

 56.2416, 0.3065,
0.4199

 63.9282, 0.3056,
0.4347

Harmonies

Analogous

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



16.7383, 0.2601, 0.2344



16.7383, 0.3189, 0.2542



16.7383, 0.3818, 0.2898

Triad

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



16.7383, 0.3189, 0.2542



16.7383, 0.4093, 0.4238



16.7383, 0.2104, 0.3060

Complementary

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



16.7383, 0.3189, 0.2542



23.7594, 0.3066, 0.4173

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.



16.7383, 0.2436, 0.3698



16.7383, 0.3189, 0.2542



16.7383, 0.3579, 0.4432

Square

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



16.7383, 0.3189, 0.2542



16.7383, 0.4360, 0.3828



16.7383, 0.2971, 0.4244



16.7383, 0.2025, 0.2583

Rectangle

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



16.7383, 0.3189, 0.2542



16.7383, 0.4150, 0.3193



16.7383, 0.2971, 0.4244



16.7383, 0.2188, 0.3264

Sweetspot

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



16.7390, 0.3189, 0.2542



43.0931, 0.3145, 0.3058



13.4679, 0.2588, 0.2373



9.3949, 0.3147, 0.3029



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



16.7390, 0.3189, 0.2542



26.5950, 0.3205, 0.2376



16.1102, 0.3509, 0.2910



5.5072, 0.3143, 0.3082



6.7610, 0.3314, 0.1599



0.0654, 0.3257, 0.1568

Inverse Universe

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



16.7390, 0.3189, 0.2542



26.5950, 0.3205, 0.2376



24.2710, 0.2862, 0.3707



5.5072, 0.3143, 0.3082



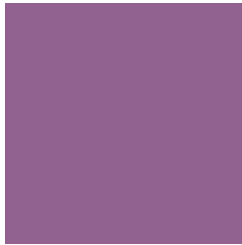
6.7610, 0.3314, 0.1599



0.0654, 0.3257, 0.1568

Previews

White Background



This preview shows how the Yxy color 16.7383, 0.3189, 0.2542 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 16.7383, 0.3189, 0.2542 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

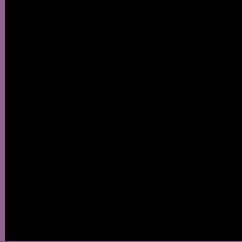
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 16.7383, 0.3189, 0.2542

Background



This preview shows how black text looks on a background with the Yxy color 16.7383, 0.3189, 0.2542.



This preview shows how white text looks on a background with the Yxy color 16.7383, 0.3189, 0.2542.

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

16.7383, 0.3189, 0.2542

Protanopia

16.9681, 0.2565, 0.2528

Deuteranopia

16.9265, 0.2807, 0.2761



Tritanopia

16.7332, 0.3548, 0.3148

Trichromacy



Original Color

16.7383, 0.3189, 0.2542

Protanomaly

16.7787, 0.2768, 0.2533

Deuteranomaly

16.7236, 0.2938, 0.2673

Tritanomaly

16.6836, 0.3412, 0.2922

Monochromacy



Original Color

16.7383, 0.3189, 0.2542

Achromatopsia

17.7888, 0.3127, 0.3290

Achromatomaly

17.1702, 0.3154, 0.2993

CSS Examples

Text

The CSS property to change the color of the text to Yxy 16.7383, 0.3189, 0.2542 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(145, 98, 143)` looks like.

```
.text, #text, p{  
    color:rgb(145, 98, 143)  
}
```

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(145, 98, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 98, 143) }
```

Border

The CSS property to change the border of an element to Yxy 16.7383, 0.3189, 0.2542 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(145, 98, 143) }
```

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

```
.border{ border-color:rgb(145, 98, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 98, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 98, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 98, 143);  
box-shadow:4px 4px 4px 4px rgb(145, 98,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 16.7383, 0.3189, 0.2542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 98, 143) }
```

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

```
.background{ background-color: rgb(145, 98,  
143) }
```

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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