

Converting Colors

$Y_{xy}(16.9372, 0.3317, 0.2471)$

Have a look what the booklet for
Yxy(16.9372, 0.3317, 0.2471)
contains.

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Color

Yxy(16.9410, 0.3317, 0.2472)

Conversions

Conversions Part 1

Format	Color
Hex	9C5D91
RGB	156, 93, 145
RGB Percent	61%, 36%, 57%
CMY	0.3883, 0.6352, 0.4314
CMYK	0.00, 0.40, 0.07, 0.39
HSL	310°, 25%, 49%
HSV	310°, 40%, 61%
XYZ	22.7319, 16.9410, 28.8586
YIQ	117.7650, 20.8560, 29.5280

Conversions

Conversions Part 2

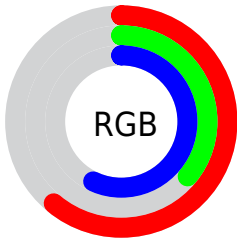
Format	Color
R _Y B	156, 93, 145
Decimal	10247569
CIE Lab	48.19, 33.70, -17.81
CIE LCh	48, 38.115, 332.151
Yxy	16.9410, 0.3317, 0.2472
Android (android.graphics.Color)	4288437649 (0xFF9C5D91)
YUV	117.7650, 13.4269, 33.5321
Hunter-Lab	41.1594, 26.5546, -12.7591

Details

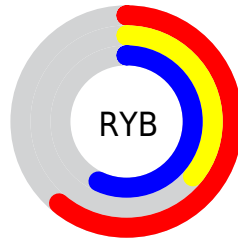
The Yxy color **16.9410, 0.3317, 0.2472** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **27.0968, 0.2984, 0.4279**, and the grayscale version is **17.9927, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.3714, 0.3284, 0.2648**, and **5.4931, 0.3378, 0.2179** is the 20% darker color. If you saturate the color by 10%, you get **14.3937, 0.3377, 0.2283**, and if you desaturate by 10%, it is **20.0503, 0.3261, 0.2674**.

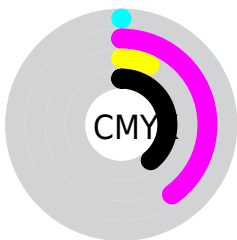
Distribution



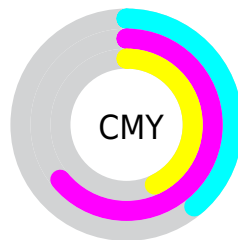
- Red (61%)
- Green (36%)
- Blue (57%)



- Red (61%)
- Yellow (36%)
- Blue (57%)



- Cyan (0%)
- Magenta (40%)
- Yellow (7%)
- Black (39%)





- Cyan (39%)
- Magenta (64%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 16.9410, 0.3317, 0.2472 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 16.9410, 0.3317, 0.2472 by changing the saturation by 10% instead.


 16.9410, 0.3317,
0.2472


 16.9410, 0.3317,
0.2472


234.8322, 0.3219,
0.2920


 10.1924, 0.3342,
0.2346


 38.2243, 0.3281,
0.2645


 5.5267, 0.3373,
0.2177


 53.5278, 0.3268,
0.2706

 2.5595, 0.3412,
0.1935

 72.4518, 0.3256,
0.2757

 0.9064, 0.3459,
0.1571

 95.3806, 0.3247,
0.2800

 0.0000, 0.3808,
0.0000

122.6987, 0.3238,
0.2837

 0.0000, 0.0000,
0.0000

154.7903, 0.3231,

0.2868

192.0400, 0.3225,
0.2896

■ 16.9410, 0.3317,
0.2472

■ 16.9410, 0.3317,
0.2472

■ 14.3937, 0.3377,
0.2283

■ 20.0503, 0.3261,
0.2674

■ 12.3720, 0.3442,
0.2116

■ 23.7507, 0.3211,
0.2880

■ 10.8387, 0.3508,
0.1981

■ 28.0718, 0.3167,
0.3085

■ 9.7507, 0.3574,
0.1884

■ 33.0408, 0.3128,
0.3283

■ 9.0576, 0.3639,
0.1831

■ 38.6832, 0.3095,
0.3471

■ 8.6447, 0.3699,
0.1811

■ 45.0231, 0.3067,
0.3647

■ 52.0833, 0.3042,
0.3811

■ 59.8858, 0.3022,
0.3962

■ 68.4514, 0.3005,
0.4100

Harmonies

Analogous

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



16.9410, 0.2599, 0.2212



16.9410, 0.3317, 0.2472



16.9410, 0.4061, 0.2901

Triad

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



16.9410, 0.3317, 0.2472



16.9410, 0.4172, 0.4458



16.9410, 0.1894, 0.2891

Complementary

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



16.9410, 0.3317, 0.2472



27.0968, 0.2984, 0.4279

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.



16.9410, 0.2224, 0.3648



16.9410, 0.3317, 0.2472



16.9410, 0.3529, 0.4665

Square

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



16.9410, 0.3317, 0.2472



16.9410, 0.4562, 0.3980



16.9410, 0.2815, 0.4372



16.9410, 0.1855, 0.2383

Rectangle

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



16.9410, 0.3317, 0.2472



16.9410, 0.4424, 0.3247



16.9410, 0.2815, 0.4372



16.9410, 0.1971, 0.3123

Sweetspot

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



16.9418, 0.3317, 0.2472



49.4440, 0.3175, 0.3047



13.1453, 0.2516, 0.2125



10.6690, 0.3180, 0.3023



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.



16.9418, 0.3317, 0.2472



26.7465, 0.3369, 0.2309



16.1125, 0.3776, 0.2945



6.7347, 0.3163, 0.3107



7.1274, 0.3695, 0.1809



0.1322, 0.3472, 0.1686

Inverse Universe

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



16.9418, 0.3317, 0.2472



26.7465, 0.3369, 0.2309



27.8464, 0.2740, 0.3673



6.7347, 0.3163, 0.3107



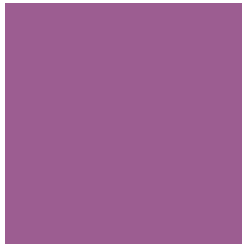
7.1274, 0.3695, 0.1809



0.1322, 0.3472, 0.1686

Previews

White Background



This preview shows how the Yxy color 16.9410, 0.3317, 0.2472 looks on a white background.

Color Contrast Check

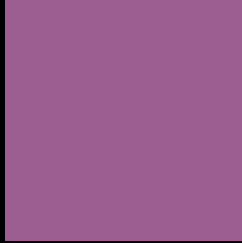
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.9410, 0.3317, 0.2472 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

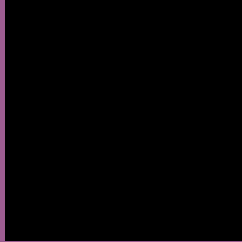
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 16.9410, 0.3317, 0.2472

Background



This preview shows how black text looks on a background with the Yxy color 16.9410, 0.3317, 0.2472.



This preview shows how white text looks on a background with the Yxy color 16.9410, 0.3317, 0.2472.

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

16.9410, 0.3317, 0.2472

Protanopia

17.1150, 0.2504, 0.2432

Deuteranopia

16.9861, 0.2786, 0.2727



Tritanopia

17.0655, 0.3776, 0.3173

Trichromacy



Original Color

16.9410, 0.3317, 0.2472

Protanomaly

16.7396, 0.2750, 0.2428

Deuteranomaly

16.6755, 0.2964, 0.2614

Tritanomaly

16.8881, 0.3608, 0.2907

Monochromacy



Original Color

16.9410, 0.3317, 0.2472

Achromatopsia

18.1164, 0.3127, 0.3290

Achromatomaly

17.4013, 0.3196, 0.2946

CSS Examples

Text

The CSS property to change the color of the text to Yxy 16.9410, 0.3317, 0.2472 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(156, 93, 145)` looks like.

```
.text, #text, p{  
    color:rgb(156, 93, 145)  
}
```

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(156, 93, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 93, 145) }
```

Border

The CSS property to change the border of an element to Yxy 16.9410, 0.3317, 0.2472 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(156, 93, 145) }
```

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

```
.border{ border-color:rgb(156, 93, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 93, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 93, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 93, 145);  
box-shadow:4px 4px 4px 4px rgb(156, 93,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 16.9410, 0.3317, 0.2472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 93, 145) }
```

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

```
.background{ background-color: rgb(156, 93,  
145) }
```

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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