

Converting Colors

$Y_{xy}(19.0128, 0.3157, 0.2645)$

Have a look what the booklet for
Yxy(19.0128, 0.3157, 0.2645)
contains.

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Color

Yxy(19.0348, 0.3157, 0.2652)

Conversions

Conversions Part 1

Format	Color
Hex	936C93
RGB	147, 108, 147
RGB Percent	58%, 42%, 58%
CMY	0.4236, 0.5764, 0.4236
CMYK	0.00, 0.27, 0.00, 0.42
HSL	300°, 15%, 50%
HSV	300°, 27%, 58%
XYZ	22.6595, 19.0348, 30.0810
YIQ	124.1070, 10.7250, 20.3970

Conversions

Conversions Part 2

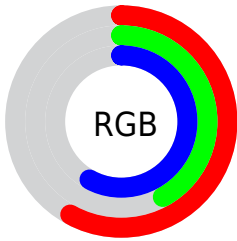
Format	Color
R_{YB}	147, 108, 147
Decimal	9661587
CIE _{Lab}	50.73, 22.41, -15.21
CIE _{LCh}	51, 27.086, 325.836
Yxy	19.0348, 0.3157, 0.2652
Android (android.graphics.Color)	4287851667 (0xFF936C93)
YUV	124.1070, 11.2862, 20.0772
Hunter-Lab	43.6289, 16.3566, -10.3387

Details

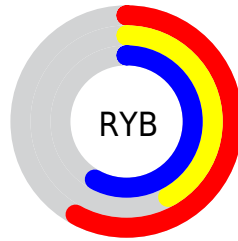
The Yxy color **19.0348, 0.3157, 0.2652** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **25.1379, 0.3093, 0.4023**, and the grayscale version is **20.1528, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.7762, 0.3151, 0.2789**, and **6.5630, 0.3167, 0.2431** is the 20% darker color. If you saturate the color by 10%, you get **16.1915, 0.3168, 0.2415**, and if you desaturate by 10%, it is **22.4026, 0.3146, 0.2895**.

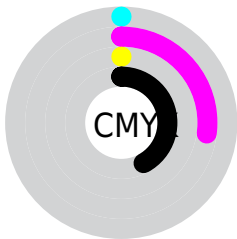
Distribution



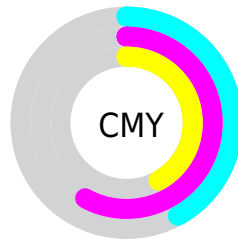
- Red (58%)
- Green (42%)
- Blue (58%)



- Red (58%)
- Yellow (42%)
- Blue (58%)



- Cyan (0%)
- Magenta (27%)
- Yellow (0%)
- Black (42%)





- Cyan (42%)
- Magenta (58%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.0348, 0.3157, 0.2652 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 19.0348, 0.3157, 0.2652 by changing the saturation by 10% instead.


 19.0348, 0.3157,
0.2652


 19.0348, 0.3157,
0.2652


246.6408, 0.3146,
0.3002


 11.6954, 0.3157,
0.2553


 41.7929, 0.3155,
0.2787


 6.5366, 0.3155,
0.2419


 57.9804, 0.3153,
0.2835

 3.1741, 0.3148,
0.2227

 77.8861, 0.3152,
0.2875

 1.2233, 0.3126,
0.1930

 101.8943, 0.3151,
0.2909

 0.0806, 0.3339,
0.0431

130.3895, 0.3150,
0.2937

 0.0000, 0.0000,
0.0000

163.7561, 0.3148,

0.2962

202.3784, 0.3147,
0.2983

■ 19.0348, 0.3157,
0.2652

■ 19.0348, 0.3157,
0.2652

■ 16.1915, 0.3168,
0.2415

■ 22.4026, 0.3146,
0.2895

■ 13.8439, 0.3178,
0.2193

■ 26.3167, 0.3134,
0.3136

■ 11.9644, 0.3188,
0.1994

■ 30.8009, 0.3123,
0.3370

■ 10.5217, 0.3196,
0.1827

■ 35.8766, 0.3113,
0.3593

■ 9.4806, 0.3202,
0.1698

■ 41.5642, 0.3103,
0.3802

■ 8.8005, 0.3206,
0.1608

■ 47.8832, 0.3094,
0.3995

■ 8.4175, 0.3208,
0.1557

■ 54.8522, 0.3086,
0.4172

■ 8.3064, 0.3209,
0.1541

■ 62.4890, 0.3078,
0.4333

■ 70.8108, 0.3071,
0.4480

Harmonies

Analogous

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



19.0348, 0.2674, 0.2494



19.0348, 0.3157, 0.2652



19.0348, 0.3670, 0.2950

Triad

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



19.0348, 0.3157, 0.2652



19.0348, 0.3947, 0.4068



19.0348, 0.2286, 0.3137

Complementary

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



19.0348, 0.3157, 0.2652



25.1379, 0.3093, 0.4023

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.



19.0348, 0.2579, 0.3648



19.0348, 0.3157, 0.2652



19.0348, 0.3535, 0.4217

Square

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



19.0348, 0.3157, 0.2652



19.0348, 0.4143, 0.3734



19.0348, 0.3033, 0.4071



19.0348, 0.2203, 0.2729

Rectangle

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



19.0348, 0.3157, 0.2652



19.0348, 0.3945, 0.3200



19.0348, 0.3033, 0.4071



19.0348, 0.2361, 0.3303

Sweetspot

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



19.0356, 0.3157, 0.2652



45.9121, 0.3136, 0.3097



16.1602, 0.2685, 0.2570



10.2474, 0.3138, 0.3063



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



19.0356, 0.3157, 0.2652



30.8585, 0.3164, 0.2506



18.4924, 0.3397, 0.2949



5.9091, 0.3137, 0.3072



7.2019, 0.3209, 0.1541



0.0882, 0.3209, 0.1541

Inverse Universe

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



18.0130, 0.3673, 0.3292



28.7007, 0.3851, 0.3292



25.5830, 0.2924, 0.3659



5.8154, 0.3282, 0.3290



5.3778, 0.6400, 0.3300



0.0658, 0.6399, 0.3299

Previews

White Background



This preview shows how the Yxy color 19.0348, 0.3157, 0.2652 looks on a white 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

Black Background



This preview shows how the Yxy color 19.0348, 0.3157, 0.2652 looks on a black 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

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

Yxy 19.0348, 0.3157, 0.2652

Background



This preview shows how black text looks on a background with the Yxy color 19.0348, 0.3157, 0.2652.



This preview shows how white text looks on a background with the Yxy color 19.0348, 0.3157, 0.2652.

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

19.0348, 0.3157, 0.2652

Protanopia

19.2442, 0.2673, 0.2663

Deuteranopia

19.0661, 0.2865, 0.2805



Tritanopia

19.0550, 0.3412, 0.3134

Trichromacy



Original Color

19.0348, 0.3157, 0.2652

Protanomaly

19.1178, 0.2837, 0.2662

Deuteranomaly

18.8558, 0.2957, 0.2732

Tritanomaly

18.9369, 0.3314, 0.2948

Monochromacy



Original Color

19.0348, 0.3157, 0.2652

Achromatopsia

20.1556, 0.3127, 0.3290

Achromatomaly

19.5283, 0.3139, 0.3041

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.0348, 0.3157, 0.2652 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(147, 108, 147)` looks like.

```
.text, #text, p{  
    color:rgb(147, 108, 147)  
}
```

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(147, 108, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 108, 147) }
```

Border

The CSS property to change the border of an element to Yxy 19.0348, 0.3157, 0.2652 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(147, 108, 147) }
```

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

```
.border{ border-color:rgb(147, 108, 147) }
```

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

Here you see how a box with a 4 pixel rgb(147, 108, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 108, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 108, 147);  
box-shadow:4px 4px 4px 4px rgb(147, 108,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 19.0348, 0.3157, 0.2652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 108, 147) }
```

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

```
.background{ background-color: rgb(147,  
108, 147) }
```

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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