

Converting Colors

$Y_{xy}(19.3373, 0.2868, 0.2069)$

Have a look what the booklet for
Yxy(19.3373, 0.2868, 0.2069)
contains.

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Color

Yxy(19.3224, 0.2876, 0.2072)

Conversions

Conversions Part 1

Format	Color
Hex	9D62B7
RGB	157, 98, 183
RGB Percent	62%, 38%, 72%
CMY	0.3843, 0.6157, 0.2824
CMYK	0.14, 0.46, 0.00, 0.28
HSL	282°, 37%, 55%
HSV	282°, 46%, 72%
XYZ	26.8201, 19.3224, 47.1123
YIQ	125.3310, 7.8790, 38.9430

Conversions

Conversions Part 2

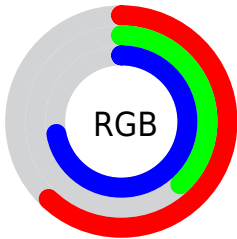
Format	Color
R_{YB}	157, 98, 183
Decimal	10314423
CIE _{Lab}	51.06, 38.89, -35.65
CIE _{LCh}	51, 52.755, 317.493
Yxy	19.3224, 0.2876, 0.2072
Android (android.graphics.Color)	4288504503 (0xFF9D62B7)
YUV	125.3310, 28.4308, 27.7737
Hunter-Lab	43.9573, 31.9848, -32.7755

Details

The Yxy color $19.3224, 0.2876, 0.2072$ is a dark color, and the websafe version is hex $9966CC$. A complement of this color would be $39.0305, 0.3263, 0.4640$, and the grayscale version is $20.5265, 0.3127, 0.3290$.

A 20% lighter version of the original color is $42.1908, 0.2946, 0.2304$, and $6.7514, 0.2748, 0.1712$ is the 20% darker color. If you saturate the color by 10%, you get $15.7314, 0.2801, 0.1818$, and if you desaturate by 10%, it is $23.7236, 0.2944, 0.2340$.

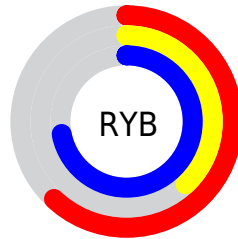
Distribution



Red (62%)

Green (38%)

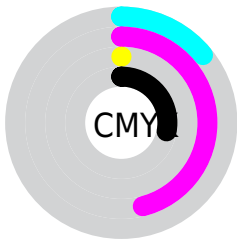
Blue (72%)



Red (62%)

Yellow (38%)

Blue (72%)

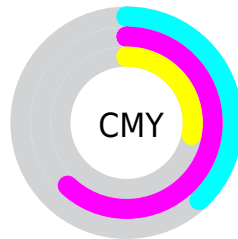


Cyan (14%)

Magenta (46%)

Yellow (0%)

Black (28%)



Cyan (38%)

Magenta (62%)

Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.3224, 0.2876, 0.2072 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 19.3224, 0.2876, 0.2072 by changing the saturation by 10% instead.


 19.3224, 0.2876,
0.2072


 19.3224, 0.2876,
0.2072


248.2229, 0.3036,
0.2701


 11.9035, 0.2823,
0.1912


 42.2782, 0.2943,
0.2304

 6.6780, 0.2747,
0.1708


 58.5838, 0.2966,
0.2390

 3.2615, 0.2632,
0.1440


 78.6205, 0.2984,
0.2463

 1.2698, 0.2441,
0.1083

 102.7725, 0.2998,
0.2524

 0.1176, 0.2185,
0.0238

131.4244, 0.3010,
0.2578

 0.0000, 0.0060,
0.0000

164.9605, 0.3020,

 0.0000, 0.0000,

0.2624

0.0000

203.7652, 0.3029,
0.2665

■ 19.3224, 0.2876,
0.2072

■ 19.3224, 0.2876,
0.2072

■ 15.7314, 0.2801,
0.1818

■ 23.7236, 0.2944,
0.2340

■ 12.8937, 0.2721,
0.1590

■ 28.9818, 0.3005,
0.2612

■ 10.7489, 0.2638,
0.1399

■ 35.1431, 0.3058,
0.2879

■ 9.2258, 0.2556,
0.1253

■ 42.2496, 0.3102,
0.3134

■ 8.2297, 0.2477,
0.1153

■ 50.3407, 0.3140,
0.3373

■ 7.9343, 0.2449,
0.1123

■ 59.4534, 0.3170,
0.3595

■ 69.6230, 0.3195,
0.3797

■ 80.8829, 0.3215,
0.3981

■ 88.2562, 0.3239,
0.4076

Harmonies

Analogous

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



19.3224, 0.2091, 0.1875



19.3224, 0.2876, 0.2072



19.3224, 0.3887, 0.2501

Triad

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



19.3224, 0.2876, 0.2072



19.3224, 0.4738, 0.4438



19.3224, 0.1707, 0.3188

Complementary

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



19.3224, 0.2876, 0.2072



39.0305, 0.3263, 0.4640

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.



19.3224, 0.2270, 0.4302



19.3224, 0.2876, 0.2072



19.3224, 0.4015, 0.5003

Square

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



19.3224, 0.2876, 0.2072



19.3224, 0.5054, 0.3752



19.3224, 0.3117, 0.5059



19.3224, 0.1511, 0.2359

Rectangle

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



19.3224, 0.2876, 0.2072



19.3224, 0.4510, 0.2881



19.3224, 0.3117, 0.5059



19.3224, 0.1854, 0.3550

Sweetspot

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



19.3232, 0.2876, 0.2072



65.6155, 0.3068, 0.2936



20.6612, 0.2342, 0.2315



13.9185, 0.3058, 0.2880



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



19.3232, 0.2876, 0.2072



27.9029, 0.2797, 0.1807



21.6074, 0.3366, 0.2353



9.0213, 0.3090, 0.3061



5.5728, 0.2458, 0.1128



0.2273, 0.2659, 0.1239

Inverse Universe

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



20.2570, 0.3972, 0.2923



30.0435, 0.4280, 0.2853



37.6668, 0.2960, 0.4463



9.0562, 0.3241, 0.3220



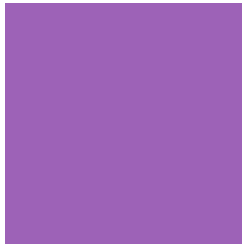
7.2329, 0.5709, 0.2919



0.2664, 0.4958, 0.2505

Previews

White Background



This preview shows how the Yxy color 19.3224, 0.2876, 0.2072 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 19.3224, 0.2876, 0.2072 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

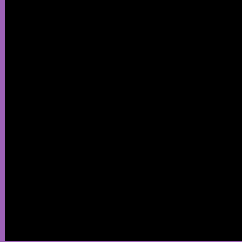
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.3224, 0.2876, 0.2072

Background



This preview shows how black text looks on a background with the Yxy color 19.3224, 0.2876, 0.2072.



This preview shows how white text looks on a background with the Yxy color 19.3224, 0.2876, 0.2072.

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

19.3224, 0.2876, 0.2072

Protanopia

19.5326, 0.2142, 0.1966

Deuteranopia

19.5261, 0.2357, 0.2300



Tritanopia

19.2647, 0.3495, 0.3138

Trichromacy



Original Color

19.3224, 0.2876, 0.2072

Protanomaly

18.8197, 0.2346, 0.1976

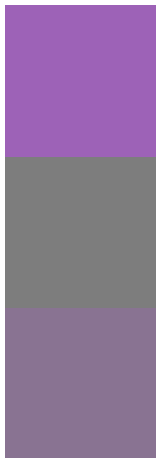
Deuteranomaly

19.0275, 0.2515, 0.2200

Tritanomaly

19.1083, 0.3246, 0.2691

Monochromacy



Original Color

19.3224, 0.2876, 0.2072

Achromatopsia

20.5079, 0.3127, 0.3290

Achromatomaly

19.6552, 0.3041, 0.2763

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.3224, 0.2876, 0.2072 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(157, 98, 183)` looks like.

```
.text, #text, p{  
    color:rgb(157, 98, 183)  
}
```

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(157, 98, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 98, 183) }
```

Border

The CSS property to change the border of an element to Yxy 19.3224, 0.2876, 0.2072 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(157, 98, 183) }
```

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

```
.border{ border-color:rgb(157, 98, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 98, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 98, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 98, 183);  
box-shadow:4px 4px 4px 4px rgb(157, 98,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 19.3224, 0.2876, 0.2072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 98, 183) }
```

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

```
.background{ background-color: rgb(157, 98,  
183) }
```

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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