

Converting Colors

$Yxy(18.4187, 0.2873, 0.2049)$

Have a look what the booklet for
Yxy(18.4187, 0.2873, 0.2049)
contains.

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Color

Yxy(18.4892, 0.2872, 0.2046)

Conversions

Conversions Part 1

Format	Color
Hex	9B5FB5
RGB	155, 95, 181
RGB Percent	61%, 37%, 71%
CMY	0.3921, 0.6275, 0.2901
CMYK	0.14, 0.48, 0.00, 0.29
HSL	282°, 37%, 54%
HSV	282°, 48%, 71%
XYZ	25.9536, 18.4892, 45.9248
YIQ	122.7440, 8.1540, 39.4660

Conversions

Conversions Part 2

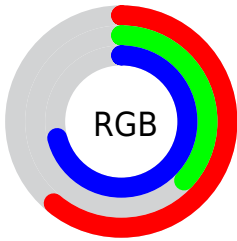
Format	Color
R_{YB}	155, 95, 181
Decimal	10182581
CIE _{Lab}	50.08, 39.54, -36.05
CIE _{LCh}	50, 53.505, 317.640
Yxy	18.4892, 0.2872, 0.2046
Android (android.graphics.Color)	4288372661 (0xFF9B5FB5)
YUV	122.7440, 28.7202, 28.2885
Hunter-Lab	42.9991, 32.4914, -33.2248

Details

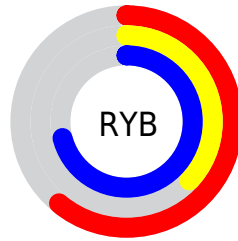
The Yxy color $18.4892, 0.2872, 0.2046$ is a dark color, and the websafe version is hex `9966CC`. A complement of this color would be $37.9443, 0.3262, 0.4674$, and the grayscale version is $19.6207, 0.3127, 0.3290$.

A 20% lighter version of the original color is $40.8307, 0.2943, 0.2286$, and $6.3373, 0.2740, 0.1677$ is the 20% darker color. If you saturate the color by 10%, you get $15.0702, 0.2797, 0.1795$, and if you desaturate by 10%, it is $22.6918, 0.2940, 0.2312$.

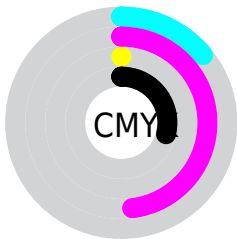
Distribution



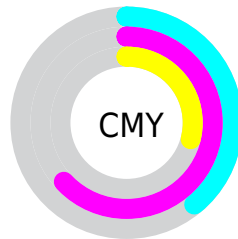
- Red (61%)
- Green (37%)
- Blue (71%)



- Red (61%)
- Yellow (37%)
- Blue (71%)



- Cyan (14%)
- Magenta (48%)
- Yellow (0%)
- Black (29%)





- Cyan (39%)
- Magenta (63%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 18.4892, 0.2872, 0.2046 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 18.4892, 0.2872, 0.2046 by changing the saturation by 10% instead.


 18.4892, 0.2872,
0.2046


 18.4892, 0.2872,
0.2046


243.6142, 0.3036,
0.2691


 11.3018, 0.2817,
0.1882


 40.8692, 0.2941,
0.2284


 6.2702, 0.2738,
0.1671


 56.8305, 0.2964,
0.2372

 3.0101, 0.2617,
0.1396

 76.4852, 0.2983,
0.2447

 1.1370, 0.2416,
0.1029

 100.2178, 0.2997,
0.2510

 0.0093, 0.2170,
0.0021

128.4126, 0.3010,
0.2565

 0.0000, 0.0000,
0.0000

161.4540, 0.3020,

0.2613

199.7264, 0.3029,
0.2654

■ 18.4892, 0.2872,
0.2046

■ 18.4892, 0.2872,
0.2046

■ 15.0702, 0.2797,
0.1795

■ 22.6918, 0.2940,
0.2312

■ 12.3791, 0.2718,
0.1571

■ 27.7243, 0.3001,
0.2584

■ 10.3561, 0.2636,
0.1385


■ 33.6318, 0.3054,
0.2851

■ 8.9307, 0.2555,
0.1245

■ 40.4557, 0.3098,
0.3107

■ 7.9972, 0.2477,
0.1149

■ 48.2344, 0.3136,
0.3348

 7.7958, 0.2458,
0.1128

 57.0044, 0.3167,
0.3572

 66.8000, 0.3191,
0.3776

 77.6542, 0.3211,
0.3962

 87.7301, 0.3230,
0.4103

Harmonies

Analogous

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



18.4892, 0.2069, 0.1843



18.4892, 0.2872, 0.2046



18.4892, 0.3913, 0.2483

Triad

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



18.4892, 0.2872, 0.2046



18.4892, 0.4771, 0.4459



18.4892, 0.1670, 0.3176

Complementary

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



18.4892, 0.2872, 0.2046



37.9443, 0.3262, 0.4674

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.



18.4892, 0.2240, 0.4329



18.4892, 0.2872, 0.2046



18.4892, 0.4025, 0.5048

Square

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



18.4892, 0.2872, 0.2046



18.4892, 0.5105, 0.3756



18.4892, 0.3105, 0.5115



18.4892, 0.1475, 0.2329

Rectangle

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



18.4892, 0.2872, 0.2046



18.4892, 0.4554, 0.2871



18.4892, 0.3105, 0.5115



18.4892, 0.1818, 0.3549

Sweetspot

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



18.4900, 0.2872, 0.2046



64.0568, 0.3069, 0.2937



19.7456, 0.2324, 0.2289



13.3046, 0.3059, 0.2881



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



18.4900, 0.2872, 0.2046



26.7526, 0.2794, 0.1785



20.7341, 0.3373, 0.2334



8.5153, 0.3091, 0.3062



5.4108, 0.2468, 0.1133



0.1990, 0.2683, 0.1252

Inverse Universe

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



19.3888, 0.4005, 0.2919



28.8097, 0.4317, 0.2853



36.6289, 0.2957, 0.4494



8.5461, 0.3241, 0.3221



6.9715, 0.5719, 0.2924



0.2300, 0.4913, 0.2480

Previews

White Background



This preview shows how the Yxy color 18.4892, 0.2872, 0.2046 looks on a white background.

Color Contrast Check

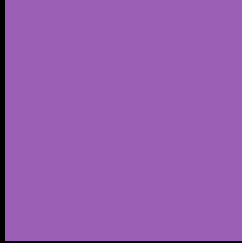
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.4892, 0.2872, 0.2046 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

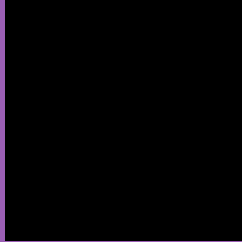
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 18.4892, 0.2872, 0.2046

Background



This preview shows how black text looks on a background with the Yxy color 18.4892, 0.2872, 0.2046.



This preview shows how white text looks on a background with the Yxy color 18.4892, 0.2872, 0.2046.

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

18.4892, 0.2872, 0.2046

Protanopia

18.8240, 0.2127, 0.1950

Deuteranopia

18.7611, 0.2347, 0.2299



Tritanopia

18.5709, 0.3514, 0.3153

Trichromacy



Original Color

18.4892, 0.2872, 0.2046



Protanomaly

18.1025, 0.2329, 0.1958



Deuteranomaly

18.1481, 0.2505, 0.2170



Tritanomaly

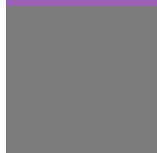
18.4158, 0.3261, 0.2698

Monochromacy



Original Color

18.4892, 0.2872, 0.2046



Achromatopsia

19.8069, 0.3127, 0.3290



Achromatomaly

18.9748, 0.3040, 0.2756

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.4892, 0.2872, 0.2046 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(155, 95, 181)` looks like.

```
.text, #text, p{  
  color:rgb(155, 95, 181)  
}
```

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(155, 95, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 95, 181) }
```

Border

The CSS property to change the border of an element to Yxy 18.4892, 0.2872, 0.2046 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(155, 95, 181) }
```

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

```
.border{ border-color:rgb(155, 95, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 95, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 95, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 95, 181);  
box-shadow:4px 4px 4px 4px rgb(155, 95,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 18.4892, 0.2872, 0.2046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 95, 181) }
```

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

```
.background{ background-color: rgb(155, 95,  
181) }
```

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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