

Converting Colors

$Y_{xy}(19.0229, 0.2819, 0.2014)$

Have a look what the booklet for
Yxy(19.0229, 0.2819, 0.2014)
contains.

Yxy(19.0631, 0.2822, 0.2018)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

$Y_{xy}(19.0631, 0.2822, 0.2018)$

Conversions

Conversions Part 1

Format	Color
Hex	9B61BA
RGB	155, 97, 186
RGB Percent	61%, 38%, 73%
CMY	0.3921, 0.6196, 0.2705
CMYK	0.17, 0.48, 0.00, 0.27
HSL	279°, 39%, 55%
HSV	279°, 48%, 73%
XYZ	26.6581, 19.0631, 48.7441
YIQ	124.4880, 5.9990, 39.9750

Conversions

Conversions Part 2

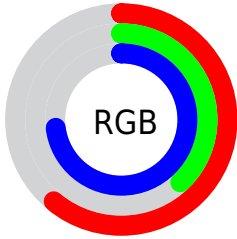
Format	Color
R_{YB}	155, 97, 186
Decimal	10183098
CIE _{Lab}	50.76, 39.53, -37.89
CIE _{LCh}	51, 54.757, 316.210
Yxy	19.0631, 0.2822, 0.2018
Android (android.graphics.Color)	4288373178 (0xFF9B61BA)
YUV	124.4880, 30.3254, 26.7590
Hunter-Lab	43.6613, 32.5787, -35.6293

Details

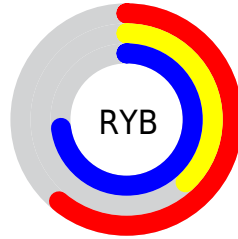
The Yxy color **19.0631, 0.2822, 0.2018** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **40.5830, 0.3296, 0.4673**, and the grayscale version is **20.2228, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.8148, 0.2898, 0.2253**, and **6.6046, 0.2686, 0.1658** is the 20% darker color. If you saturate the color by 10%, you get **15.3959, 0.2734, 0.1759**, and if you desaturate by 10%, it is **23.5723, 0.2903, 0.2291**.

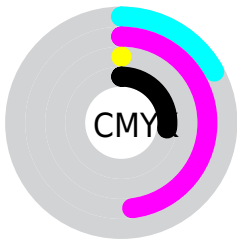
Distribution



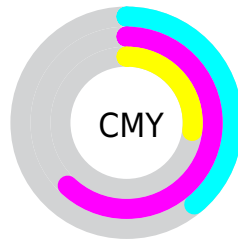
- Red (61%)
- Green (38%)
- Blue (73%)



- Red (61%)
- Yellow (38%)
- Blue (73%)



- Cyan (17%)
- Magenta (48%)
- Yellow (0%)
- Black (27%)





- Cyan (39%)
- Magenta (62%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.0631, 0.2822, 0.2018 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 19.0631, 0.2822, 0.2018 by changing the saturation by 10% instead.


 19.0631, 0.2822,
0.2018


 19.0631, 0.2822,
0.2018


246.7969, 0.3013,
0.2673


 11.7159, 0.2760,
0.1853

 41.8407, 0.2901,
0.2258


 6.5505, 0.2673,
0.1643


 58.0399, 0.2928,
0.2348

 3.1826, 0.2541,
0.1371

 77.9585, 0.2950,
0.2424

 1.2278, 0.2329,
0.1012

 101.9809, 0.2967,
0.2488

 0.0842, 0.2041,
0.0162

130.4916, 0.2981,
0.2544

 0.0000, 0.0000,
0.0000

163.8749, 0.2994,

0.2592

202.5152, 0.3004,
0.2635

■ 19.0631, 0.2822,
0.2018

■ 19.0631, 0.2822,
0.2018

■ 15.3959, 0.2734,
0.1759

■ 23.5723, 0.2903,
0.2291

■ 12.5106, 0.2642,
0.1528

■ 28.9734, 0.2975,
0.2568

■ 10.3427, 0.2548,
0.1334


■ 35.3149, 0.3037,
0.2839


■ 8.8161, 0.2455,
0.1187

■ 42.6413, 0.3091,
0.3098

■ 7.8141, 0.2367,
0.1087


■ 50.9941, 0.3136,
0.3340

 7.6265, 0.2348,
0.1067

 60.4123, 0.3174,
0.3564

 70.9331, 0.3204,
0.3768

 82.5917, 0.3229,
0.3954

 89.2636, 0.3261,
0.4033

Harmonies

Analogous

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



19.0631, 0.2027, 0.1826



19.0631, 0.2822, 0.2018



19.0631, 0.3871, 0.2449

Triad

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



19.0631, 0.2822, 0.2018



19.0631, 0.4814, 0.4434



19.0631, 0.1673, 0.3224

Complementary

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



19.0631, 0.2822, 0.2018



40.5830, 0.3296, 0.4673

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.



19.0631, 0.2265, 0.4398



19.0631, 0.2822, 0.2018



19.0631, 0.4072, 0.5047

Square

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



19.0631, 0.2822, 0.2018



19.0631, 0.5129, 0.3723



19.0631, 0.3147, 0.5158



19.0631, 0.1460, 0.2346

Rectangle

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



19.0631, 0.2822, 0.2018



19.0631, 0.4531, 0.2835



19.0631, 0.3147, 0.5158



19.0631, 0.1828, 0.3607

Sweetspot

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



19.0639, 0.2822, 0.2018



68.5959, 0.3058, 0.2935



21.5665, 0.2326, 0.2329



14.4928, 0.3046, 0.2878



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



19.0639, 0.2822, 0.2018



27.8479, 0.2734, 0.1757



21.9954, 0.3339, 0.2292



9.0019, 0.3084, 0.3061



5.1722, 0.2359, 0.1073



0.2154, 0.2584, 0.1197

Inverse Universe

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



20.5499, 0.3955, 0.2859



31.1321, 0.4235, 0.2784



38.8040, 0.2975, 0.4558



9.0625, 0.3235, 0.3211



7.2913, 0.5550, 0.2831



0.2690, 0.4821, 0.2429

Previews

White Background



This preview shows how the Yxy color 19.0631, 0.2822, 0.2018 looks on a white background.

Color Contrast Check

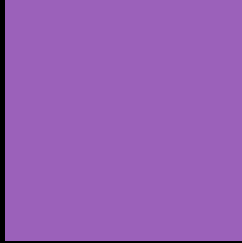
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.0631, 0.2822, 0.2018 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

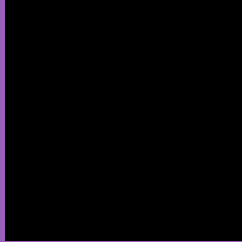
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.0631, 0.2822, 0.2018

Background



This preview shows how black text looks on a background with the Yxy color 19.0631, 0.2822, 0.2018.



This preview shows how white text looks on a background with the Yxy color 19.0631, 0.2822, 0.2018.

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

19.0631, 0.2822, 0.2018

Protanopia

19.2495, 0.2099, 0.1910

Deuteranopia

19.3906, 0.2312, 0.2265



Tritanopia

18.9886, 0.3455, 0.3135

Trichromacy



Original Color

19.0631, 0.2822, 0.2018

Protanomaly

18.5441, 0.2299, 0.1920

Deuteranomaly

18.7202, 0.2461, 0.2138

Tritanomaly

18.9493, 0.3208, 0.2670

Monochromacy



Original Color

19.0631, 0.2822, 0.2018

Achromatopsia

20.1556, 0.3127, 0.3290

Achromatomaly

19.2921, 0.3006, 0.2726

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.0631, 0.2822, 0.2018 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, 97, 186)` looks like.

```
.text, #text, p{  
    color:rgb(155, 97, 186)  
}
```

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, 97, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 97, 186) }
```

Border

The CSS property to change the border of an element to Yxy 19.0631, 0.2822, 0.2018 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, 97, 186) }
```

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

```
.border{ border-color:rgb(155, 97, 186) }
```

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

Here you see how a box with a 4 pixel rgb(155, 97, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 97, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 97, 186);  
box-shadow:4px 4px 4px 4px rgb(155, 97,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 19.0631, 0.2822, 0.2018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 97, 186) }
```

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

```
.background{ background-color: rgb(155, 97,  
186) }
```

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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