

Converting Colors

$Y_{xy}(19.1261, 0.3030, 0.2641)$

Have a look what the booklet for
Yxy(19.1261, 0.3030, 0.2641)
contains.

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Color

Yxy(19.1463, 0.3033, 0.2639)

Conversions

Conversions Part 1

Format	Color
Hex	8C6F96
RGB	140, 111, 150
RGB Percent	55%, 44%, 59%
CMY	0.4510, 0.5647, 0.4117
CMYK	0.07, 0.26, 0.00, 0.41
HSL	285°, 16%, 51%
HSV	285°, 26%, 59%
XYZ	22.0048, 19.1463, 31.4002
YIQ	124.1170, 4.7650, 18.2770

Conversions

Conversions Part 2

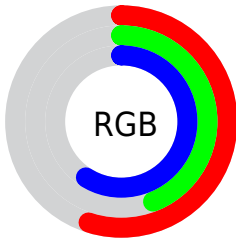
Format	Color
R_{YB}	140, 111, 150
Decimal	9203606
CIE _{Lab}	50.86, 18.84, -16.86
CIE _{LCh}	51, 25.283, 318.164
Yxy	19.1463, 0.3033, 0.2639
Android (android.graphics.Color)	4287393686 (0xFF8C6F96)
YUV	124.1170, 12.7603, 13.9294
Hunter-Lab	43.7565, 13.1925, -11.9177

Details

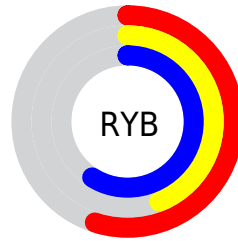
The Yxy color $19.1463, 0.3033, 0.2639$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $27.0362, 0.3195, 0.3986$, and the grayscale version is $20.1528, 0.3127, 0.3290$.

A 20% lighter version of the original color is $42.0234, 0.3061, 0.2782$, and $6.5797, 0.2977, 0.2404$ is the 20% darker color. If you saturate the color by 10%, you get $15.8141, 0.2985, 0.2376$, and if you desaturate by 10%, it is $23.0418, 0.3074, 0.2898$.

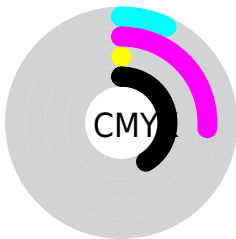
Distribution



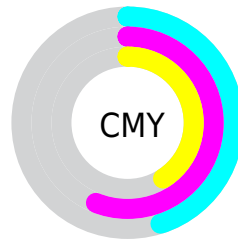
- Red (55%)
- Green (44%)
- Blue (59%)



- Red (55%)
- Yellow (44%)
- Blue (59%)



- Cyan (7%)
- Magenta (26%)
- Yellow (0%)
- Black (41%)





- Cyan (45%)
- Magenta (56%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 19.1463, 0.3033, 0.2639 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 19.1463, 0.3033, 0.2639 by changing the saturation by 10% instead.


 19.1463, 0.3033,
0.2639


 19.1463, 0.3033,
0.2639


247.2552, 0.3092,
0.2996


 11.7760, 0.3013,
0.2538


 41.9812, 0.3058,
0.2777

 6.5914, 0.2982,
0.2401


 58.2146, 0.3067,
0.2826

 3.2079, 0.2932,
0.2204

 78.1711, 0.3073,
0.2867

 1.2412, 0.2841,
0.1902

 102.2352, 0.3079,
0.2901

 0.0950, 0.2801,
0.0484

130.7913, 0.3083,
0.2930

 0.0000, 0.0000,
0.0000

164.2237, 0.3087,

0.2955

202.9169, 0.3090,
0.2977

■ 19.1463, 0.3033,
0.2639

■ 19.1463, 0.3033,
0.2639

■ 15.8141, 0.2985,
0.2376

■ 23.0418, 0.3074,
0.2898

■ 13.0151, 0.2930,
0.2118

■ 27.5237, 0.3109,
0.3147

■ 10.7203, 0.2870,
0.1874

■ 32.6170, 0.3138,
0.3382

■ 8.8967, 0.2805,
0.1655

■ 38.3443, 0.3161,
0.3600

■ 7.5073, 0.2738,
0.1470

■ 44.7272, 0.3180,
0.3801

6.5096, 0.2670,
0.1328

51.7861, 0.3195,
0.3984

5.8424, 0.2603,
0.1228

59.5406, 0.3206,
0.4150

5.6112, 0.2576,
0.1193

68.0096, 0.3215,
0.4300

77.2112, 0.3221,
0.4435

Harmonies

Analogous

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



19.1463, 0.2608, 0.2530



19.1463, 0.3033, 0.2639



19.1463, 0.3518, 0.2891

Triad

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



19.1463, 0.3033, 0.2639



19.1463, 0.3963, 0.3952



19.1463, 0.2392, 0.3268

Complementary

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



19.1463, 0.3033, 0.2639



27.0362, 0.3195, 0.3986

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.



19.1463, 0.2715, 0.3739



19.1463, 0.3033, 0.2639



19.1463, 0.3622, 0.4141

Square

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



19.1463, 0.3033, 0.2639



19.1463, 0.4077, 0.3617



19.1463, 0.3163, 0.4076



19.1463, 0.2261, 0.2851

Rectangle

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



19.1463, 0.3033, 0.2639



19.1463, 0.3801, 0.3115



19.1463, 0.3163, 0.4076



19.1463, 0.2481, 0.3428

Sweetspot

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



19.1471, 0.3033, 0.2639



46.7678, 0.3102, 0.3095



19.3571, 0.2711, 0.2769



10.1130, 0.3098, 0.3060



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.



19.1471, 0.3033, 0.2639



30.3659, 0.3007, 0.2492



19.7768, 0.3267, 0.2801



5.8349, 0.3099, 0.3069



4.6679, 0.2581, 0.1195



0.0712, 0.2895, 0.1368

Inverse Universe

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



19.2375, 0.3524, 0.3122



30.5918, 0.3641, 0.3083



26.5591, 0.3013, 0.3835



5.8384, 0.3244, 0.3233



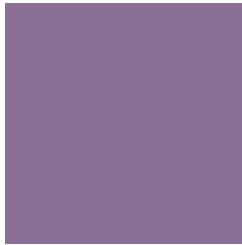
5.5015, 0.5850, 0.2996



0.0716, 0.4811, 0.2424

Previews

White Background



This preview shows how the Yxy color 19.1463, 0.3033, 0.2639 looks on a white background.

Color Contrast Check

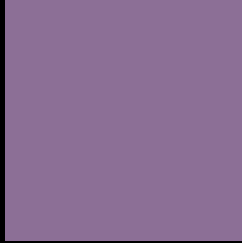
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.1463, 0.3033, 0.2639 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

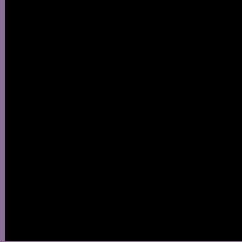
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.1463, 0.3033, 0.2639

Background



This preview shows how black text looks on a background with the Yxy color 19.1463, 0.3033, 0.2639.



This preview shows how white text looks on a background with the Yxy color 19.1463, 0.3033, 0.2639.

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

19.1463, 0.3033, 0.2639

Protanopia

19.2780, 0.2664, 0.2647

Deuteranopia

19.2855, 0.2803, 0.2754



Tritanopia

19.2057, 0.3276, 0.3130

Trichromacy



Original Color

19.1463, 0.3033, 0.2639

Protanomaly

19.1932, 0.2784, 0.2643

Deuteranomaly

19.1727, 0.2891, 0.2714

Tritanomaly

19.0742, 0.3182, 0.2941

Monochromacy



Original Color

19.1463, 0.3033, 0.2639

Achromatopsia

20.1556, 0.3127, 0.3290

Achromatomaly

19.6329, 0.3102, 0.3039

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.1463, 0.3033, 0.2639 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(140, 111, 150)` looks like.

```
.text, #text, p{  
    color:rgb(140, 111, 150)  
}
```

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(140, 111, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 111, 150) }
```

Border

The CSS property to change the border of an element to Yxy 19.1463, 0.3033, 0.2639 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(140, 111, 150) }
```

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

```
.border{ border-color:rgb(140, 111, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 111, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 111, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 111, 150);  
box-shadow:4px 4px 4px 4px rgb(140, 111,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 19.1463, 0.3033, 0.2639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 111, 150) }
```

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

```
.background{ background-color: rgb(140,  
111, 150) }
```

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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