

Converting Colors

$Y_{xy}(19.3442, 0.3091, 0.2573)$

Have a look what the booklet for
Yxy(19.3442, 0.3091, 0.2573)
contains.

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Color

Yxy(19.2281, 0.3086, 0.2564)

Conversions

Conversions Part 1

Format	Color
Hex	936C99
RGB	147, 108, 153
RGB Percent	58%, 42%, 60%
CMY	0.4236, 0.5764, 0.4001
CMYK	0.04, 0.29, 0.00, 0.40
HSL	292°, 18%, 51%
HSV	292°, 29%, 60%
XYZ	23.1427, 19.2281, 32.6218
YIQ	124.7910, 8.7990, 22.2630

Conversions

Conversions Part 2

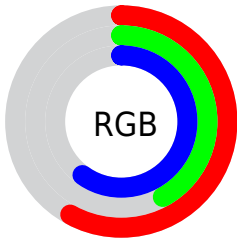
Format	Color
R_{YB}	147, 108, 153
Decimal	9661593
CIE _{Lab}	50.95, 23.63, -18.39
CIE _{LCh}	51, 29.944, 322.106
Yxy	19.2281, 0.3086, 0.2564
Android (android.graphics.Color)	4287851673 (0xFF936C99)
YUV	124.7910, 13.9070, 19.4773
Hunter-Lab	43.8499, 17.4700, -13.4135

Details

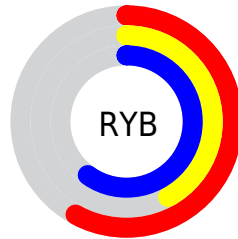
The Yxy color $19.2281, 0.3086, 0.2564$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $27.4380, 0.3147, 0.4104$, and the grayscale version is $20.3848, 0.3127, 0.3290$.

A 20% lighter version of the original color is $42.2032, 0.3108, 0.2722$, and $6.6778, 0.3057, 0.2310$ is the 20% darker color. If you saturate the color by 10%, you get $16.0931, 0.3065, 0.2315$, and if you desaturate by 10%, it is $22.9344, 0.3103, 0.2816$.

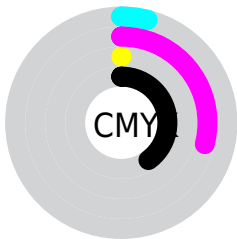
Distribution



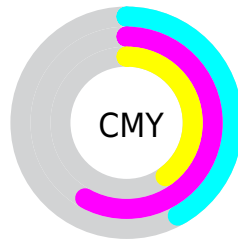
- Red (58%)
- Green (42%)
- Blue (60%)



- Red (58%)
- Yellow (42%)
- Blue (60%)



- Cyan (4%)
- Magenta (29%)
- Yellow (0%)
- Black (40%)




- Cyan (42%)
- Magenta (58%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.2281, 0.3086, 0.2564 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 19.2281, 0.3086, 0.2564 by changing the saturation by 10% instead.


 19.2281, 0.3086,
0.2564


 19.2281, 0.3086,
0.2564


247.7051, 0.3117,
0.2959


 11.8352, 0.3073,
0.2454


 42.1192, 0.3101,
0.2716

 6.6316, 0.3053,
0.2306


 58.3862, 0.3105,
0.2770

 3.2328, 0.3018,
0.2097

 78.3800, 0.3108,
0.2815

 1.2544, 0.2949,
0.1780

 102.4850, 0.3111,
0.2853

 0.1055, 0.3006,
0.0468

131.0856, 0.3113,
0.2885

 0.0000, 0.0000,
0.0000

164.5663, 0.3115,

0.2913

203.3113, 0.3116,
0.2937

■ 19.2281, 0.3086,
0.2564

■ 19.2281, 0.3086,
0.2564

■ 16.0931, 0.3065,
0.2315

■ 22.9344, 0.3103,
0.2816

■ 13.4972, 0.3041,
0.2079

■ 27.2369, 0.3117,
0.3065

■ 11.4090, 0.3013,
0.1864


■ 32.1621, 0.3128,
0.3304


■ 9.7928, 0.2982,
0.1680


■ 37.7343, 0.3136,
0.3530


■ 8.6081, 0.2949,
0.1535


■ 43.9761, 0.3141,
0.3740

 7.8076, 0.2916,
0.1433

 50.9095, 0.3145,
0.3934

 7.2834, 0.2882,
0.1364

 58.5551, 0.3147,
0.4111

 7.2535, 0.2880,
0.1360

 66.9329, 0.3147,
0.4271

 76.0620, 0.3147,
0.4417

Harmonies

Analogous

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



19.2281, 0.2573, 0.2413



19.2281, 0.3086, 0.2564



19.2281, 0.3659, 0.2870

Triad

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



19.2281, 0.3086, 0.2564



19.2281, 0.4067, 0.4101



19.2281, 0.2234, 0.3183

Complementary

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



19.2281, 0.3086, 0.2564



27.4380, 0.3147, 0.4104

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.



19.2281, 0.2578, 0.3755



19.2281, 0.3086, 0.2564



19.2281, 0.3634, 0.4309

Square

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



19.2281, 0.3086, 0.2564



19.2281, 0.4250, 0.3715



19.2281, 0.3087, 0.4197



19.2281, 0.2118, 0.2715

Rectangle

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



19.2281, 0.3086, 0.2564



19.2281, 0.3981, 0.3134



19.2281, 0.3087, 0.4197



19.2281, 0.2325, 0.3372

Sweetspot

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



19.2289, 0.3086, 0.2564



48.9711, 0.3117, 0.3070



17.5243, 0.2638, 0.2575



10.5693, 0.3116, 0.3037



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



19.2289, 0.3086, 0.2564



30.7934, 0.3073, 0.2406



19.2897, 0.3366, 0.2826



6.2819, 0.3117, 0.3069



6.0065, 0.2882, 0.1361



0.0999, 0.3039, 0.1448

Inverse Universe

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



18.7130, 0.3672, 0.3191



29.7554, 0.3838, 0.3169



27.4342, 0.2947, 0.3806



6.2354, 0.3263, 0.3261



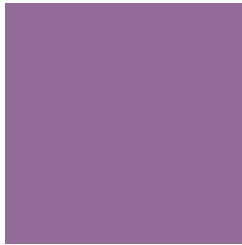
5.6432, 0.6189, 0.3183



0.0874, 0.5437, 0.2769

Previews

White Background



This preview shows how the Yxy color 19.2281, 0.3086, 0.2564 looks on a white background.

Color Contrast Check

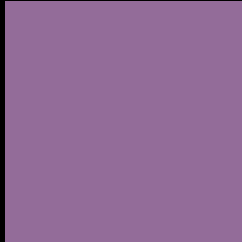
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.2281, 0.3086, 0.2564 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 19.2281, 0.3086, 0.2564

Background



This preview shows how black text looks on a background with the Yxy color 19.2281, 0.3086, 0.2564.



This preview shows how white text looks on a background with the Yxy color 19.2281, 0.3086, 0.2564.

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

19.2281, 0.3086, 0.2564

Protanopia

19.3566, 0.2591, 0.2550

Deuteranopia

19.2796, 0.2772, 0.2719



Tritanopia

19.3043, 0.3397, 0.3134

Trichromacy



Original Color

19.2281, 0.3086, 0.2564

Protanomaly

19.2049, 0.2745, 0.2551

Deuteranomaly

19.1956, 0.2882, 0.2653

Tritanomaly

19.2389, 0.3274, 0.2916

Monochromacy



Original Color

19.2281, 0.3086, 0.2564

Achromatopsia

20.5079, 0.3127, 0.3290

Achromatomaly

19.9295, 0.3116, 0.3008

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.2281, 0.3086, 0.2564 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, 153)` looks like.

```
.text, #text, p{  
    color:rgb(147, 108, 153)  
}
```

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, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 108, 153) }
```

Border

The CSS property to change the border of an element to Yxy 19.2281, 0.3086, 0.2564 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, 153) }
```

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

```
.border{ border-color:rgb(147, 108, 153) }
```

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, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 108, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 108, 153);  
box-shadow:4px 4px 4px 4px rgb(147, 108,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 19.2281, 0.3086, 0.2564 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, 153) }
```

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

```
.background{ background-color: rgb(147,  
108, 153) }
```

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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