

Converting Colors

$Y_{xy}(18.4396, 0.3113, 0.2557)$

Have a look what the booklet for
Yxy(18.4396, 0.3113, 0.2557)
contains.

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Color

Yxy(18.4162, 0.3110, 0.2556)

Conversions

Conversions Part 1

Format	Color
Hex	926996
RGB	146, 105, 150
RGB Percent	57%, 41%, 59%
CMY	0.4275, 0.5882, 0.4118
CMYK	0.03, 0.30, 0.00, 0.41
HSL	295°, 18%, 50%
HSV	295°, 30%, 59%
XYZ	22.4078, 18.4162, 31.2268
YIQ	122.3890, 9.9910, 22.6870

Conversions

Conversions Part 2

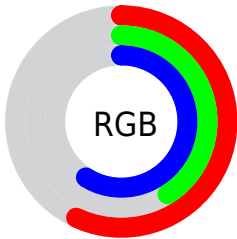
Format	Color
R_{YB}	146, 105, 150
Decimal	9595286
CIE _{Lab}	50.00, 24.41, -18.10
CIE _{LCh}	50, 30.391, 323.437
Yxy	18.4162, 0.3110, 0.2556
Android (android.graphics.Color)	4287785366 (0xFF926996)
YUV	122.3890, 13.6122, 20.7068
Hunter-Lab	42.9141, 18.1050, -13.1030

Details

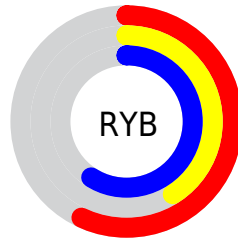
The Yxy color **18.4162, 0.3110, 0.2556** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **26.0855, 0.3127, 0.4127**, and the grayscale version is **19.5483, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.8911, 0.3126, 0.2717**, and **6.2600, 0.3094, 0.2296** is the 20% darker color. If you saturate the color by 10%, you get **15.5037, 0.3099, 0.2313**, and if you desaturate by 10%, it is **21.8707, 0.3118, 0.2805**.

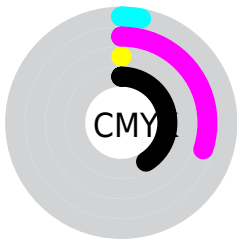
Distribution



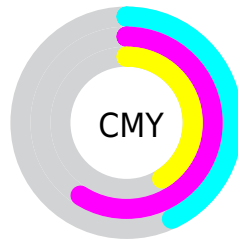
- Red (57%)
- Green (41%)
- Blue (59%)



- Red (57%)
- Yellow (41%)
- Blue (59%)



- Cyan (3%)
- Magenta (30%)
- Yellow (0%)
- Black (41%)





- Cyan (43%)
- Magenta (59%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 18.4162, 0.3110, 0.2556 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 18.4162, 0.3110, 0.2556 by changing the saturation by 10% instead.


 18.4162, 0.3110,
0.2556


 18.4162, 0.3110,
0.2556


243.2066, 0.3128,
0.2957


 11.2492, 0.3101,
0.2444


 40.7453, 0.3120,
0.2711

 6.2347, 0.3085,
0.2291


 56.6761, 0.3122,
0.2766

 2.9883, 0.3057,
0.2075

 76.2970, 0.3124,
0.2812

 1.1256, 0.2996,
0.1745

 99.9924, 0.3125,
0.2850

 0.0000, 0.3146,
0.0000

128.1467, 0.3126,
0.2883

 0.0000, 0.0000,
0.0000

161.1442, 0.3127,

0.2911

199.3694, 0.3128,
0.2936

■ 18.4162, 0.3110,
0.2556

■ 18.4162, 0.3110,
0.2556

■ 15.5037, 0.3099,
0.2313

■ 21.8707, 0.3118,
0.2805

■ 13.1025, 0.3086,
0.2084

■ 25.8911, 0.3124,
0.3051

■ 11.1825, 0.3071,
0.1879


■ 30.5027, 0.3127,
0.3290


■ 9.7094, 0.3052,
0.1707


■ 35.7286, 0.3129,
0.3517

■ 8.6445, 0.3032,
0.1573


■ 41.5906, 0.3129,
0.3729


 7.9424, 0.3011,
0.1481


 48.1095, 0.3129,
0.3925

 7.4871, 0.2989,
0.1420

 55.3052, 0.3127,
0.4104

 7.4867, 0.2989,
0.1420

 63.1966, 0.3125,
0.4267

 71.8019, 0.3122,
0.4415

Harmonies

Analogous

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



18.4162, 0.2577, 0.2393



18.4162, 0.3110, 0.2556



18.4162, 0.3699, 0.2875

Triad

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



18.4162, 0.3110, 0.2556



18.4162, 0.4077, 0.4137



18.4162, 0.2199, 0.3153

Complementary

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



18.4162, 0.3110, 0.2556



26.0855, 0.3127, 0.4127

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.



18.4162, 0.2541, 0.3744



18.4162, 0.3110, 0.2556



18.4162, 0.3623, 0.4342

Square

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



18.4162, 0.3110, 0.2556



18.4162, 0.4281, 0.3743



18.4162, 0.3059, 0.4213



18.4162, 0.2091, 0.2680

Rectangle

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



18.4162, 0.3110, 0.2556



18.4162, 0.4025, 0.3148



18.4162, 0.3059, 0.4213



18.4162, 0.2289, 0.3346

Sweetspot

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



18.4170, 0.3110, 0.2556



46.3154, 0.3124, 0.3071



16.2528, 0.2625, 0.2531



10.0393, 0.3123, 0.3039



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.



18.4170, 0.3110, 0.2556



28.9461, 0.3103, 0.2392



18.2558, 0.3392, 0.2841



5.8831, 0.3124, 0.3071



6.2166, 0.2991, 0.1421



0.0823, 0.3107, 0.1485

Inverse Universe

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



17.6945, 0.3714, 0.3223



27.4850, 0.3904, 0.3207



26.2465, 0.2931, 0.3788



5.8233, 0.3269, 0.3271



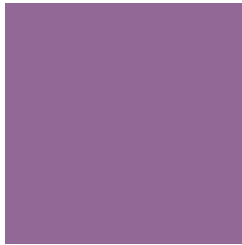
5.4050, 0.6268, 0.3226



0.0678, 0.5700, 0.2914

Previews

White Background



This preview shows how the Yxy color 18.4162, 0.3110, 0.2556 looks on a white background.

Color Contrast Check

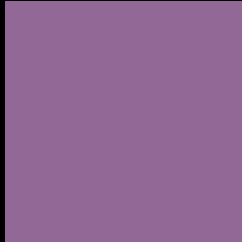
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.4162, 0.3110, 0.2556 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

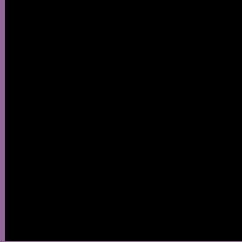
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 18.4162, 0.3110, 0.2556

Background



This preview shows how black text looks on a background with the Yxy color 18.4162, 0.3110, 0.2556.



This preview shows how white text looks on a background with the Yxy color 18.4162, 0.3110, 0.2556.

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

18.4162, 0.3110, 0.2556

Protanopia

18.6482, 0.2593, 0.2556

Deuteranopia

18.5737, 0.2777, 0.2728



Tritanopia

18.4757, 0.3430, 0.3133

Trichromacy



Original Color

18.4162, 0.3110, 0.2556

Protanomaly

18.3481, 0.2760, 0.2540

Deuteranomaly

18.4922, 0.2889, 0.2660

Tritanomaly

18.4156, 0.3304, 0.2912

Monochromacy



Original Color

18.4162, 0.3110, 0.2556

Achromatopsia

19.4618, 0.3127, 0.3290

Achromatomaly

18.9820, 0.3128, 0.3003

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.4162, 0.3110, 0.2556 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(146, 105, 150)` looks like.

```
.text, #text, p{  
    color:rgb(146, 105, 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(146, 105, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 105, 150) }
```

Border

The CSS property to change the border of an element to Yxy 18.4162, 0.3110, 0.2556 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(146, 105, 150) }
```

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

```
.border{ border-color:rgb(146, 105, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 105, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 105, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 105, 150);  
box-shadow:4px 4px 4px 4px rgb(146, 105,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 18.4162, 0.3110, 0.2556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 105, 150) }
```

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

```
.background{ background-color: rgb(146,  
105, 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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