

Converting Colors

$Y_{xy}(18.0231, 0.3132, 0.2562)$

Have a look what the booklet for
Yxy(18.0231, 0.3132, 0.2562)
contains.

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Color

Yxy(18.1497, 0.3135, 0.2569)

Conversions

Conversions Part 1

Format	Color
Hex	926894
RGB	146, 104, 148
RGB Percent	57%, 41%, 58%
CMY	0.4275, 0.5921, 0.4196
CMYK	0.01, 0.30, 0.00, 0.42
HSL	297°, 17%, 49%
HSV	297°, 30%, 58%
XYZ	22.1484, 18.1497, 30.3508
YIQ	121.5740, 10.9080, 22.5880

Conversions

Conversions Part 2

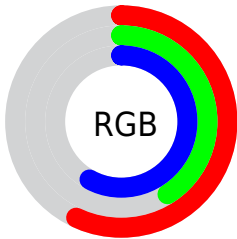
Format	Color
R _Y B	146, 104, 148
Decimal	9595028
CIE Lab	49.68, 24.59, -17.41
CIE LCh	50, 30.132, 324.703
Yxy	18.1497, 0.3135, 0.2569
Android (android.graphics.Color)	4287785108 (0xFF926894)
YUV	121.5740, 13.0280, 21.4216
Hunter-Lab	42.6025, 18.2453, -12.4175

Details

The Yxy color **18.1497, 0.3135, 0.2569** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **25.2427, 0.3108, 0.4122**, and the grayscale version is **19.2707, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.4587, 0.3144, 0.2728**, and **6.1243, 0.3132, 0.2314** is the 20% darker color. If you saturate the color by 10%, you get **15.3663, 0.3135, 0.2331**, and if you desaturate by 10%, it is **21.4580, 0.3133, 0.2814**.

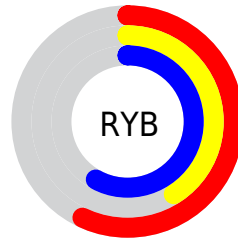
Distribution



Red (57%)

Green (41%)

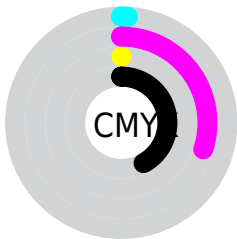
Blue (58%)



Red (57%)

Yellow (41%)

Blue (58%)

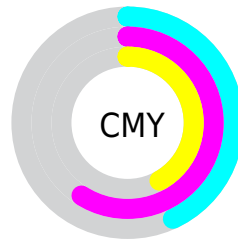


Cyan (1%)

Magenta (30%)

Yellow (0%)

Black (42%)



Cyan (43%)


Magenta (59%)

Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 18.1497, 0.3135, 0.2569 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 18.1497, 0.3135, 0.2569 by changing the saturation by 10% instead.


 18.1497, 0.3135,
0.2569


 18.1497, 0.3135,
0.2569


241.7135, 0.3139,
0.2964


 11.0575, 0.3130,
0.2458


 40.2922, 0.3139,
0.2722


 6.1055, 0.3121,
0.2307


 56.1114, 0.3139,
0.2776

 2.9094, 0.3101,
0.2091

 75.6083, 0.3140,
0.2821

 1.0846, 0.3055,
0.1761

 99.1674, 0.3140,
0.2859

 0.0000, 0.3216,
0.0000

127.1731, 0.3139,
0.2891

 0.0000, 0.0000,
0.0000

160.0097, 0.3139,

0.2919

198.0617, 0.3139,
0.2943

■ 18.1497, 0.3135,
0.2569

■ 18.1497, 0.3135,
0.2569

■ 15.3663, 0.3135,
0.2331

■ 21.4580, 0.3133,
0.2814

■ 13.0780, 0.3133,
0.2108

■ 25.3141, 0.3131,
0.3059

■ 11.2558, 0.3130,
0.1911

■ 29.7425, 0.3127,
0.3296

■ 9.8667, 0.3124,
0.1746

■ 34.7655, 0.3123,
0.3523

■ 8.8734, 0.3117,
0.1620

■ 40.4043, 0.3118,
0.3735

■ 8.2323, 0.3108,
0.1535

■ 46.6788, 0.3113,
0.3932

■ 7.8342, 0.3098,
0.1482

■ 53.6082, 0.3108,
0.4113

■ 7.8237, 0.3098,
0.1480

■ 61.2110, 0.3103,
0.4277

■ 69.5047, 0.3098,
0.4427

Harmonies

Analogous

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



18.1497, 0.2599, 0.2399



18.1497, 0.3135, 0.2569



18.1497, 0.3720, 0.2893

Triad

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



18.1497, 0.3135, 0.2569



18.1497, 0.4059, 0.4147



18.1497, 0.2193, 0.3130

Complementary

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



18.1497, 0.3135, 0.2569



25.2427, 0.3108, 0.4122

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.



18.1497, 0.2525, 0.3718



18.1497, 0.3135, 0.2569



18.1497, 0.3599, 0.4341

Square

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



18.1497, 0.3135, 0.2569



18.1497, 0.4275, 0.3761



18.1497, 0.3036, 0.4195



18.1497, 0.2096, 0.2667

Rectangle

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



18.1497, 0.3135, 0.2569



18.1497, 0.4038, 0.3166



18.1497, 0.3036, 0.4195



18.1497, 0.2279, 0.3321

Sweetspot

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



18.1505, 0.3135, 0.2569



45.0666, 0.3131, 0.3072



15.4321, 0.2626, 0.2497



10.0647, 0.3131, 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.



18.1505, 0.3135, 0.2569



28.4964, 0.3135, 0.2401



17.7613, 0.3418, 0.2881



5.8959, 0.3131, 0.3071



6.6864, 0.3098, 0.1480



0.0852, 0.3158, 0.1513

Inverse Universe

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



17.2383, 0.3734, 0.3257



26.6206, 0.3942, 0.3249



25.5721, 0.2914, 0.3739



5.8194, 0.3275, 0.3280



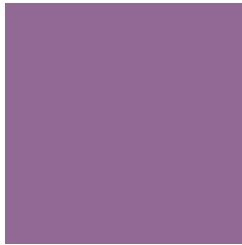
5.3914, 0.6333, 0.3262



0.0668, 0.6017, 0.3088

Previews

White Background



This preview shows how the Yxy color 18.1497, 0.3135, 0.2569 looks on a white background.

Color Contrast Check

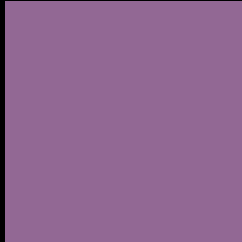
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 18.1497, 0.3135, 0.2569 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

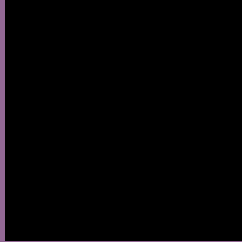
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 18.1497, 0.3135, 0.2569

Background



This preview shows how black text looks on a background with the Yxy color 18.1497, 0.3135, 0.2569.



This preview shows how white text looks on a background with the Yxy color 18.1497, 0.3135, 0.2569.

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

18.1497, 0.3135, 0.2569

Protanopia

18.2827, 0.2598, 0.2566

Deuteranopia

18.2791, 0.2796, 0.2742



Tritanopia

18.2106, 0.3460, 0.3150

Trichromacy



Original Color

18.1497, 0.3135, 0.2569

Protanomaly

17.9864, 0.2767, 0.2551

Deuteranomaly

18.2070, 0.2910, 0.2674

Tritanomaly

18.1497, 0.3332, 0.2928

Monochromacy



Original Color

18.1497, 0.3135, 0.2569

Achromatopsia

19.4618, 0.3127, 0.3290

Achromatomaly

18.7255, 0.3141, 0.3002

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.1497, 0.3135, 0.2569 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, 104, 148)` looks like.

```
.text, #text, p{  
    color:rgb(146, 104, 148)  
}
```

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, 104, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 104, 148) }
```

Border

The CSS property to change the border of an element to Yxy 18.1497, 0.3135, 0.2569 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, 104, 148) }
```

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

```
.border{ border-color:rgb(146, 104, 148) }
```

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

Here you see how a box with a 4 pixel rgb(146, 104, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 104, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 104, 148);  
box-shadow:4px 4px 4px 4px rgb(146, 104,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 18.1497, 0.3135, 0.2569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 104, 148) }
```

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

```
.background{ background-color: rgb(146,  
104, 148) }
```

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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