

Converting Colors

$Y_{xy}(24.3830, 0.3146, 0.2890)$

Have a look what the booklet for
Yxy(24.3830, 0.3146, 0.2890)
contains.

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Color

Yxy(24.5106, 0.3146, 0.2898)

Conversions

Conversions Part 1

Format	Color
Hex	998099
RGB	153, 128, 153
RGB Percent	60%, 50%, 60%
CMY	0.3999, 0.4981, 0.4001
CMYK	0.00, 0.16, 0.00, 0.40
HSL	300°, 11%, 55%
HSV	300°, 16%, 60%
XYZ	26.6081, 24.5106, 33.4589
YIQ	138.3250, 6.8750, 13.0750

Conversions

Conversions Part 2

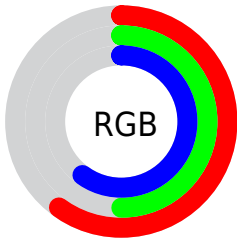
Format	Color
R_{YB}	153, 128, 153
Decimal	10059929
CIE _{Lab}	56.60, 14.17, -9.80
CIE _{LCh}	57, 17.232, 325.346
Yxy	24.5106, 0.3146, 0.2898
Android (android.graphics.Color)	4288250009 (0xFF998099)
YUV	138.3250, 7.2348, 12.8700
Hunter-Lab	49.5082, 9.2953, -5.4140

Details

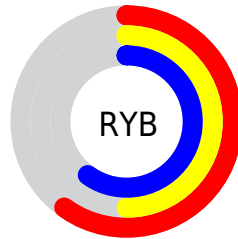
The Yxy color $24.5106, 0.3146, 0.2898$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $28.9390, 0.3107, 0.3716$, and the grayscale version is $25.5172, 0.3127, 0.3290$.

A 20% lighter version of the original color is $50.8181, 0.3142, 0.2983$, and $9.3761, 0.3152, 0.2768$ is the 20% darker color. If you saturate the color by 10%, you get $20.8155, 0.3158, 0.2655$, and if you desaturate by 10%, it is $28.8099, 0.3134, 0.3140$.

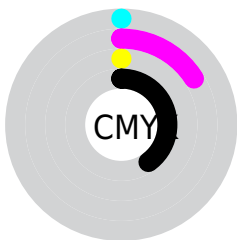
Distribution



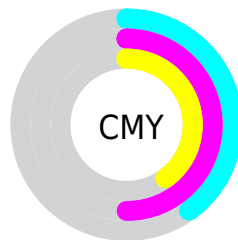
- Red (60%)
- Green (50%)
- Blue (60%)



- Red (60%)
- Yellow (50%)
- Blue (60%)



- Cyan (0%)
- Magenta (16%)
- Yellow (0%)
- Black (40%)





- Cyan (40%)
- Magenta (50%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.5106, 0.3146, 0.2898 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 24.5106, 0.3146, 0.2898 by changing the saturation by 10% instead.


 24.5106, 0.3146,
0.2898


 24.5106, 0.3146,
0.2898


275.3918, 0.3138,
0.3109


 15.7128, 0.3147,
0.2840


 50.8622, 0.3144,
0.2979

 9.3212, 0.3148,
0.2761


 69.1847, 0.3143,
0.3008

 4.9513, 0.3148,
0.2650

 91.4510, 0.3142,
0.3032

 2.2187, 0.3146,
0.2480

118.0454, 0.3141,
0.3052

 0.7302, 0.3139,
0.2171

149.3522, 0.3140,
0.3069

 0.0000, 0.0000,
0.0000

185.7560, 0.3139,

0.3084

227.6411, 0.3139,
0.3098

■ 24.5106, 0.3146,
0.2898

■ 24.5106, 0.3146,
0.2898

■ 20.8155, 0.3158,
0.2655

■ 28.8099, 0.3134,
0.3140

■ 17.6945, 0.3169,
0.2417

■ 33.7353, 0.3123,
0.3374

■ 15.1198, 0.3180,
0.2195

■ 39.3117, 0.3112,
0.3597

■ 13.0600, 0.3190,
0.1996

■ 45.5615, 0.3102,
0.3806

■ 11.4804, 0.3198,
0.1828

■ 52.5063, 0.3093,
0.3999

■ 10.3422, 0.3205,
0.1698

■ 60.1665, 0.3085,
0.4176

■ 9.6005, 0.3209,
0.1610

■ 68.5618, 0.3077,
0.4337

■ 9.1889, 0.3212,
0.1559

■ 77.7109, 0.3070,
0.4483

■ 9.0675, 0.3213,
0.1544

■ 80.6013, 0.3068,
0.4524

Harmonies

Analogous

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



24.5106, 0.2857, 0.2803



24.5106, 0.3146, 0.2898



24.5106, 0.3442, 0.3085

Triad

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



24.5106, 0.3146, 0.2898



24.5106, 0.3618, 0.3756



24.5106, 0.2624, 0.3217

Complementary

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



24.5106, 0.3146, 0.2898



28.9390, 0.3107, 0.3716

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.



24.5106, 0.2810, 0.3502



24.5106, 0.3146, 0.2898



24.5106, 0.3383, 0.3823

Square

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



24.5106, 0.3146, 0.2898



24.5106, 0.3721, 0.3569



24.5106, 0.3086, 0.3732



24.5106, 0.2567, 0.2971

Rectangle

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



24.5106, 0.3146, 0.2898



24.5106, 0.3599, 0.3242



24.5106, 0.3086, 0.3732



24.5106, 0.2673, 0.3312

Sweetspot

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



24.5117, 0.3146, 0.2898



52.6224, 0.3133, 0.3170



22.3272, 0.2869, 0.2863



11.5011, 0.3134, 0.3155



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.



24.5117, 0.3146, 0.2898



41.0820, 0.3151, 0.2800



24.1208, 0.3283, 0.3090



6.3235, 0.3138, 0.3071



7.4915, 0.3213, 0.1544



0.1120, 0.3211, 0.1543

Inverse Universe

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



24.5117, 0.3146, 0.2898



41.0820, 0.3151, 0.2800



29.2881, 0.2995, 0.3499



6.3235, 0.3138, 0.3071



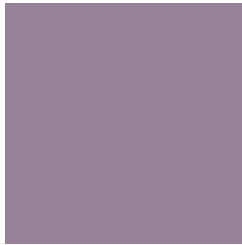
7.4915, 0.3213, 0.1544



0.1120, 0.3211, 0.1543

Previews

White Background



This preview shows how the Yxy color 24.5106, 0.3146, 0.2898 looks on a white background.

Color Contrast Check

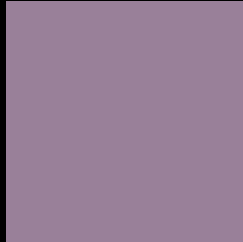
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.5106, 0.3146, 0.2898 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 24.5106, 0.3146, 0.2898

Background



This preview shows how black text looks on a background with the Yxy color 24.5106, 0.3146, 0.2898.



This preview shows how white text looks on a background with the Yxy color 24.5106, 0.3146, 0.2898.

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

24.5106, 0.3146, 0.2898

Protanopia

24.6678, 0.2878, 0.2926

Deuteranopia

24.5203, 0.3032, 0.2965



Tritanopia

24.4380, 0.3262, 0.3129

Trichromacy



Original Color

24.5106, 0.3146, 0.2898

Protanomaly

24.4783, 0.2970, 0.2900

Deuteranomaly

24.6106, 0.3076, 0.2953

Tritanomaly

24.4202, 0.3220, 0.3035

Monochromacy



Original Color

24.5106, 0.3146, 0.2898

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

24.8730, 0.3134, 0.3142

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.5106, 0.3146, 0.2898 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(153, 128, 153)` looks like.

```
.text, #text, p{  
    color:rgb(153, 128, 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(153, 128, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 128, 153) }
```

Border

The CSS property to change the border of an element to Yxy 24.5106, 0.3146, 0.2898 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(153, 128, 153) }
```

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

```
.border{ border-color:rgb(153, 128, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 128, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 128, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 128, 153);  
box-shadow:4px 4px 4px 4px rgb(153, 128,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 24.5106, 0.3146, 0.2898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 128, 153) }
```

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

```
.background{ background-color: rgb(153,  
128, 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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