

Converting Colors

$Y_{xy}(24.9578, 0.3271, 0.2938)$

Have a look what the booklet for
Yxy(24.9578, 0.3271, 0.2938)
contains.

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Color

Yxy(24.9578, 0.3271, 0.2938)

Conversions

Conversions Part 1

Format	Color
Hex	A17F96
RGB	161, 127, 150
RGB Percent	63%, 50%, 59%
CMY	0.3688, 0.5019, 0.4118
CMYK	0.00, 0.21, 0.07, 0.37
HSL	319°, 15%, 56%
HSV	319°, 21%, 63%
XYZ	27.7866, 24.9578, 32.2039
YIQ	139.7880, 12.8810, 14.3610

Conversions

Conversions Part 2

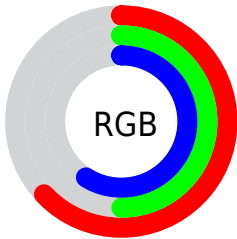
Format	Color
R _Y B	161, 127, 150
Decimal	10583958
CIE Lab	57.03, 17.04, -7.33
CIE LCh	57, 18.553, 336.720
Yxy	24.9578, 0.3271, 0.2938
Android (android.graphics.Color)	4288774038 (0xFFA17F96)
YUV	139.7880, 5.0345, 18.6029
Hunter-Lab	49.9578, 11.8558, -3.2492

Details

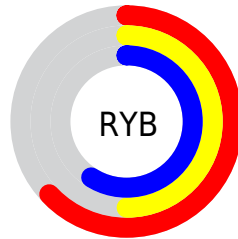
The Yxy color $24.9578, 0.3271, 0.2938$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $31.8259, 0.3008, 0.3670$, and the grayscale version is $26.1149, 0.3127, 0.3290$.

A 20% lighter version of the original color is $51.6011, 0.3242, 0.3012$, and $9.6008, 0.3324, 0.2828$ is the 20% darker color. If you saturate the color by 10%, you get $20.9633, 0.3358, 0.2764$, and if you desaturate by 10%, it is $29.6262, 0.3197, 0.3109$.

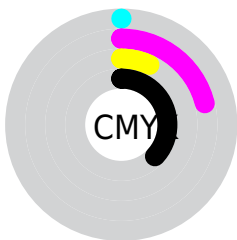
Distribution



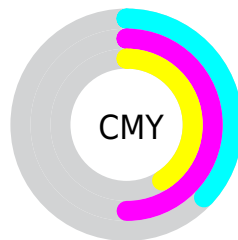
- Red (63%)
- Green (50%)
- Blue (59%)



- Red (63%)
- Yellow (50%)
- Blue (59%)



- Cyan (0%)
- Magenta (21%)
- Yellow (7%)
- Black (37%)



- Cyan (37%)
- Magenta (50%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.9578, 0.3271, 0.2938 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 24.9578, 0.3271, 0.2938 by changing the saturation by 10% instead.


 24.9578, 0.3271,
0.2938

 24.9578, 0.3271,
0.2938


277.6277, 0.3194,
0.3127


 16.0456, 0.3292,
0.2886


 51.5888, 0.3242,
0.3010

 9.5564, 0.3320,
0.2816

 70.0763, 0.3231,
0.3036

 5.1059, 0.3360,
0.2716


 92.5245, 0.3222,
0.3058

 2.3095, 0.3421,
0.2564

119.3176, 0.3215,
0.3076

 0.7787, 0.3528,
0.2295

150.8401, 0.3209,
0.3092

 0.0000, 0.4012,
0.0000

187.4763, 0.3203,

 0.0000, 0.0000,

0.3105

0.0000

229.6107, 0.3198,
0.3117

■ 24.9578, 0.3271,
0.2938

■ 24.9578, 0.3271,
0.2938

■ 20.9633, 0.3358,
0.2764

■ 29.6262, 0.3197,
0.3109

■ 17.6079, 0.3457,
0.2593

■ 34.9948, 0.3133,
0.3273

■ 14.8585, 0.3569,
0.2433

■ 41.0922, 0.3080,
0.3427

■ 12.6778, 0.3693,
0.2292

■ 47.9448, 0.3035,
0.3572

■ 11.0244, 0.3825,
0.2182

■ 55.5775, 0.2998,
0.3706

■ 9.8510, 0.3963,
0.2112

■ 64.0139, 0.2967,
0.3829

■ 9.1021, 0.4100,
0.2089

■ 73.2768, 0.2941,
0.3942

■ 8.6763, 0.4222,
0.2099

■ 82.8822, 0.2919,
0.4037

■ 83.1163, 0.2892,
0.3973

Harmonies

Analogous

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



24.9578, 0.2949, 0.2796



24.9578, 0.3271, 0.2938



24.9578, 0.3567, 0.3164

Triad

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



24.9578, 0.3271, 0.2938



24.9578, 0.3569, 0.3834



24.9578, 0.2549, 0.3101

Complementary

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



24.9578, 0.3271, 0.2938



31.8259, 0.3008, 0.3670

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.



24.9578, 0.2698, 0.3402



24.9578, 0.3271, 0.2938



24.9578, 0.3282, 0.3846

Square

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



24.9578, 0.3271, 0.2938



24.9578, 0.3741, 0.3673



24.9578, 0.2964, 0.3685



24.9578, 0.2545, 0.2874

Rectangle

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



24.9578, 0.3271, 0.2938



24.9578, 0.3701, 0.3339



24.9578, 0.2964, 0.3685



24.9578, 0.2584, 0.3197

Sweetspot

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



24.9589, 0.3271, 0.2938



57.7101, 0.3164, 0.3191



23.1392, 0.2896, 0.2739



12.5313, 0.3168, 0.3182



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



24.9589, 0.3271, 0.2938



41.4395, 0.3307, 0.2862



24.4573, 0.3464, 0.3193



7.1630, 0.3184, 0.3139



6.9405, 0.4211, 0.2093



0.1539, 0.3773, 0.1852

Inverse Universe

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



24.9589, 0.3271, 0.2938



41.4395, 0.3307, 0.2862



32.3491, 0.2870, 0.3390



7.1630, 0.3184, 0.3139



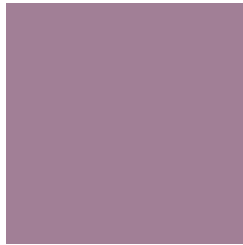
6.9405, 0.4211, 0.2093



0.1539, 0.3773, 0.1852

Previews

White Background



This preview shows how the Yxy color 24.9578, 0.3271, 0.2938 looks on a white background.

Color Contrast Check

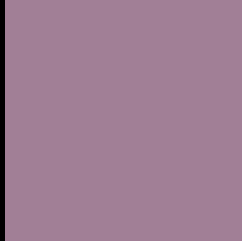
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.9578, 0.3271, 0.2938 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

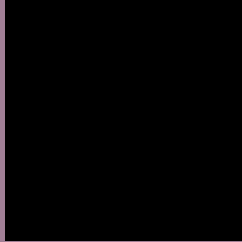
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.9578, 0.3271, 0.2938

Background



This preview shows how black text looks on a background with the Yxy color 24.9578, 0.3271, 0.2938.



This preview shows how white text looks on a background with the Yxy color 24.9578, 0.3271, 0.2938.

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

24.9578, 0.3271, 0.2938

Protanopia

25.0770, 0.2908, 0.2960

Deuteranopia

24.9647, 0.3095, 0.3031



Tritanopia

24.9355, 0.3369, 0.3134

Trichromacy



Original Color

24.9578, 0.3271, 0.2938

Protanomaly

25.0374, 0.3033, 0.2952

Deuteranomaly

24.9818, 0.3163, 0.3004

Tritanomaly

24.8951, 0.3337, 0.3057

Monochromacy



Original Color

24.9578, 0.3271, 0.2938

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

25.6375, 0.3179, 0.3145

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.9578, 0.3271, 0.2938 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(161, 127, 150)` looks like.

```
.text, #text, p{  
    color:rgb(161, 127, 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(161, 127, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 127, 150) }
```

Border

The CSS property to change the border of an element to Yxy 24.9578, 0.3271, 0.2938 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(161, 127, 150) }
```

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

```
.border{ border-color:rgb(161, 127, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 127, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 127, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 127, 150);  
box-shadow:4px 4px 4px 4px rgb(161, 127,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 24.9578, 0.3271, 0.2938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 127, 150) }
```

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

```
.background{ background-color: rgb(161,  
127, 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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