

Converting Colors

$Y_{xy}(26.0189, 0.2863, 0.2724)$

Have a look what the booklet for
Yxy(26.0189, 0.2863, 0.2724)
contains.

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Color

Yxy(26.1079, 0.2861, 0.2732)

Conversions

Conversions Part 1

Format	Color
Hex	8F87AB
RGB	143, 135, 171
RGB Percent	56%, 53%, 67%
CMY	0.4392, 0.4706, 0.3295
CMYK	0.16, 0.21, 0.00, 0.33
HSL	253°, 18%, 60%
HSV	253°, 21%, 67%
XYZ	27.3407, 26.1079, 42.1148
YIQ	141.4960, -6.7880, 12.8920

Conversions

Conversions Part 2

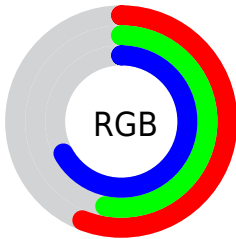
Format	Color
R_{YB}	143, 135, 171
Decimal	9406379
CIE _{Lab}	58.14, 10.49, -17.89
CIE _{LCh}	58, 20.745, 300.390
Yxy	26.1079, 0.2861, 0.2732
Android (android.graphics.Color)	4287596459 (0xFF8F87AB)
YUV	141.4960, 14.5455, 1.3190
Hunter-Lab	51.0959, 6.0949, -13.1015

Details

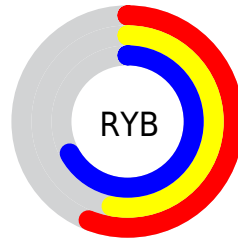
The Yxy color $26.1079, 0.2861, 0.2732$ is a dark color, and the websafe version is hex $9999CC$. A complement of this color would be $38.6514, 0.3360, 0.3816$, and the grayscale version is $26.7851, 0.3127, 0.3290$.

A 20% lighter version of the original color is $53.3277, 0.2920, 0.2845$, and $10.1042, 0.2753, 0.2531$ is the 20% darker color. If you saturate the color by 10%, you get $20.5973, 0.2708, 0.2427$, and if you desaturate by 10%, it is $32.5275, 0.2997, 0.3012$.

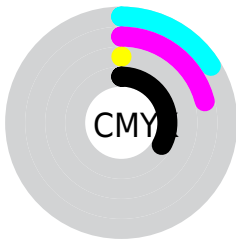
Distribution



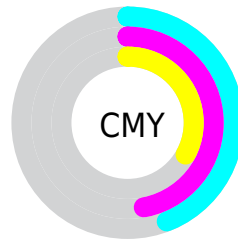
- Red (56%)
- Green (53%)
- Blue (67%)



- Red (56%)
- Yellow (53%)
- Blue (67%)



- Cyan (16%)
- Magenta (21%)
- Yellow (0%)
- Black (33%)





- Cyan (44%)
- Magenta (47%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.1079, 0.2861, 0.2732 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 26.1079, 0.2861, 0.2732 by changing the saturation by 10% instead.


 26.1079, 0.2861,
0.2732


 26.1079, 0.2861,
0.2732


283.3113, 0.3008,
0.3028


 16.9044, 0.2819,
0.2652


 53.4490, 0.2918,
0.2844

 10.1663, 0.2762,
0.2546


 72.3553, 0.2939,
0.2885

 5.5094, 0.2679,
0.2399


 95.2647, 0.2955,
0.2919

 2.5491, 0.2550,
0.2182

122.5615, 0.2969,
0.2947

 0.9012, 0.2326,
0.1834

154.6302, 0.2981,
0.2972

 0.0000, 0.0555,
0.0000

191.8552, 0.2992,

 0.0000, 0.0000,

0.2993

0.0000

234.6207, 0.3001,
0.3012

■ 26.1079, 0.2861,
0.2732

■ 26.1079, 0.2861,
0.2732

■ 20.5973, 0.2708,
0.2427

■ 32.5275, 0.2997,
0.3012

■ 15.9511, 0.2539,
0.2105

■ 39.8917, 0.3116,
0.3265

■ 12.1257, 0.2360,
0.1777

■ 48.2379, 0.3218,
0.3491

■ 9.0725, 0.2177,
0.1460

■ 57.6006, 0.3306,
0.3689

■ 6.7373, 0.2000,
0.1173

■ 68.0127, 0.3380,
0.3864

■ 5.0592, 0.1842,
0.0937

■ 79.5056, 0.3444,
0.4017

■ 3.9664, 0.1712,
0.0768

■ 92.1091, 0.3498,
0.4150

■ 3.3516, 0.1622,
0.0667

■ 94.6690, 0.3588,
0.4126

■ 95.7194, 0.3626,
0.4115

Harmonies

Analogous

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



26.1079, 0.2599, 0.2731



26.1079, 0.2861, 0.2732



26.1079, 0.3208, 0.2863

Triad

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



26.1079, 0.2861, 0.2732



26.1079, 0.3821, 0.3657



26.1079, 0.2708, 0.3485

Complementary

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



26.1079, 0.2861, 0.2732



38.6514, 0.3360, 0.3816

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.



26.1079, 0.3018, 0.3780



26.1079, 0.2861, 0.2732



26.1079, 0.3666, 0.3862

Square

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



26.1079, 0.2861, 0.2732



26.1079, 0.3780, 0.3377



26.1079, 0.3369, 0.3918



26.1079, 0.2515, 0.3145

Rectangle

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



26.1079, 0.2861, 0.2732



26.1079, 0.3444, 0.3008



26.1079, 0.3369, 0.3918



26.1079, 0.2801, 0.3594

Sweetspot

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



26.1090, 0.2861, 0.2732



64.5635, 0.3058, 0.3141



34.3505, 0.2812, 0.3170



14.2145, 0.3050, 0.3125



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



26.1090, 0.2861, 0.2732



42.2293, 0.2796, 0.2601



27.8240, 0.3044, 0.2761



7.8399, 0.3019, 0.3058



2.5472, 0.1630, 0.0671



0.0946, 0.1934, 0.0839

Inverse Universe

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



28.6288, 0.3233, 0.2887



47.5488, 0.3260, 0.2800



36.9045, 0.3193, 0.3845



8.1171, 0.3170, 0.3115



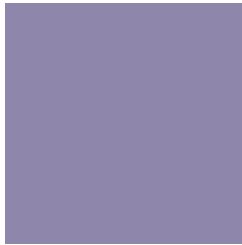
7.8113, 0.3854, 0.1897



0.2247, 0.3624, 0.1770

Previews

White Background



This preview shows how the Yxy color 26.1079, 0.2861, 0.2732 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 26.1079, 0.2861, 0.2732 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

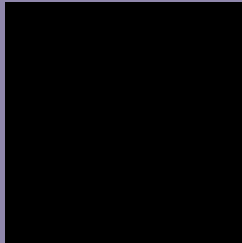
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.1079, 0.2861, 0.2732

Background



This preview shows how black text looks on a background with the Yxy color 26.1079, 0.2861, 0.2732.



This preview shows how white text looks on a background with the Yxy color 26.1079, 0.2861, 0.2732.

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

26.1079, 0.2861, 0.2732

Protanopia

26.0194, 0.2730, 0.2733

Deuteranopia

26.2349, 0.2813, 0.2756



Tritanopia

26.1562, 0.3018, 0.3110

Trichromacy



Original Color

26.1079, 0.2861, 0.2732

Protanomaly

26.0208, 0.2775, 0.2737

Deuteranomaly

26.1240, 0.2832, 0.2743

Tritanomaly

26.2210, 0.2952, 0.2969

Monochromacy



Original Color

26.1079, 0.2861, 0.2732

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

26.4830, 0.3030, 0.3080

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.1079, 0.2861, 0.2732 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(143, 135, 171)` looks like.

```
.text, #text, p{  
    color:rgb(143, 135, 171)  
}
```

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(143, 135, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 135, 171) }
```

Border

The CSS property to change the border of an element to Yxy 26.1079, 0.2861, 0.2732 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(143, 135, 171) }
```

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

```
.border{ border-color:rgb(143, 135, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 135, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 135, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 135, 171);  
box-shadow:4px 4px 4px 4px rgb(143, 135,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 26.1079, 0.2861, 0.2732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 135, 171) }
```

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

```
.background{ background-color: rgb(143,  
135, 171) }
```

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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