

Converting Colors

$Y_{xy}(26.3787, 0.2971, 0.2765)$

Have a look what the booklet for
Yxy(26.3787, 0.2971, 0.2765)
contains.

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Color

Yxy(26.4567, 0.2970, 0.2771)

Conversions

Conversions Part 1

Format	Color
Hex	9786A8
RGB	151, 134, 168
RGB Percent	59%, 53%, 66%
CMY	0.4078, 0.4745, 0.3411
CMYK	0.10, 0.20, 0.00, 0.34
HSL	270°, 16%, 59%
HSV	270°, 20%, 66%
XYZ	28.3567, 26.4567, 40.6637
YIQ	142.9590, -0.7820, 14.1780

Conversions

Conversions Part 2

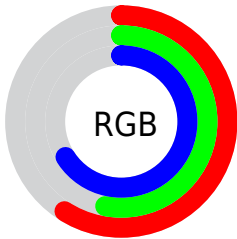
Format	Color
R_{YB}	151, 134, 168
Decimal	9930408
CIE _{Lab}	58.47, 13.12, -15.63
CIE _{LCh}	58, 20.408, 309.995
Yxy	26.4567, 0.2970, 0.2771
Android (android.graphics.Color)	4288120488 (0xFF9786A8)
YUV	142.9590, 12.3452, 7.0520
Hunter-Lab	51.4361, 8.3939, -10.8675

Details

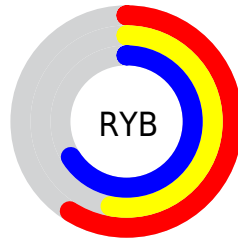
The Yxy color **26.4567, 0.2970, 0.2771** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **36.3115, 0.3260, 0.3810**, and the grayscale version is **27.4020, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.8475, 0.3003, 0.2874**, and **10.3109, 0.2910, 0.2591** is the 20% darker color. If you saturate the color by 10%, you get **21.4010, 0.2874, 0.2489**, and if you desaturate by 10%, it is **32.3098, 0.3054, 0.3038**.

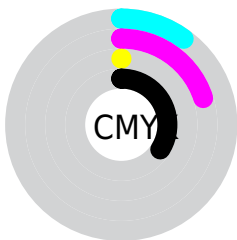
Distribution



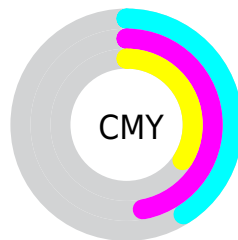
- Red (59%)
- Green (53%)
- Blue (66%)



- Red (59%)
- Yellow (53%)
- Blue (66%)



- Cyan (10%)
- Magenta (20%)
- Yellow (0%)
- Black (34%)



- Cyan (41%)
- Magenta (47%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.4567, 0.2970, 0.2771 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 26.4567, 0.2970, 0.2771 by changing the saturation by 10% instead.

■ 26.4567, 0.2970,
0.2771

■ 26.4567, 0.2970,
0.2771

■ 285.0168, 0.3059,
0.3046

■ 17.1656, 0.2944,
0.2697

■ 54.0108, 0.3005,
0.2875

■ 10.3526, 0.2908,
0.2599

■ 73.0426, 0.3017,
0.2912

■ 5.6334, 0.2856,
0.2464

■ 96.0901, 0.3027,
0.2944

■ 2.6235, 0.2772,
0.2263

■ 123.5377, 0.3036,
0.2970

■ 0.9385, 0.2621,
0.1940

■ 155.7698, 0.3043,
0.2993

■ 0.0000, 0.1490,
0.0000

■ 193.1707, 0.3049,

■ 0.0000, 0.0000,

0.3013

0.0000

236.1249, 0.3054,
0.3030

■ 26.4567, 0.2970,
0.2771

■ 26.4567, 0.2970,
0.2771

■ 21.4010, 0.2874,
0.2489

■ 32.3098, 0.3054,
0.3038

■ 17.1033, 0.2765,
0.2197

■ 38.9906, 0.3126,
0.3284

■ 13.5261, 0.2646,
0.1906

■ 46.5318, 0.3186,
0.3510

■ 10.6270, 0.2519,
0.1627

■ 54.9633, 0.3237,
0.3713

■ 8.3591, 0.2388,
0.1375

■ 64.3138, 0.3280,
0.3896

6.6692, 0.2260,
0.1165

74.6103, 0.3315,
0.4060

5.4949, 0.2138,
0.1005

85.8790, 0.3344,
0.4206

4.7120, 0.2030,
0.0892

89.2873, 0.3394,
0.4220

90.6174, 0.3450,
0.4202

Harmonies

Analogous

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



26.4567, 0.2679, 0.2727



26.4567, 0.2970, 0.2771



26.4567, 0.3320, 0.2935

Triad

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



26.4567, 0.2970, 0.2771



26.4567, 0.3777, 0.3726



26.4567, 0.2641, 0.3373

Complementary

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



26.4567, 0.2970, 0.2771



36.3115, 0.3260, 0.3810

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.



26.4567, 0.2915, 0.3689



26.4567, 0.2970, 0.2771



26.4567, 0.3573, 0.3887

Square

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



26.4567, 0.2970, 0.2771



26.4567, 0.3801, 0.3467



26.4567, 0.3255, 0.3882



26.4567, 0.2498, 0.3052

Rectangle

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



26.4567, 0.2970, 0.2771



26.4567, 0.3538, 0.3094



26.4567, 0.3255, 0.3882



26.4567, 0.2720, 0.3485

Sweetspot

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



26.4578, 0.2970, 0.2771



63.4456, 0.3085, 0.3142



30.2144, 0.2815, 0.3031



13.6685, 0.3080, 0.3127



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



26.4578, 0.2970, 0.2771



43.9809, 0.2931, 0.2654



28.1423, 0.3144, 0.2798



7.4778, 0.3061, 0.3062



3.5882, 0.2040, 0.0897



0.1178, 0.2418, 0.1106

Inverse Universe

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



27.6115, 0.3330, 0.3038



46.4724, 0.3382, 0.2983



34.8464, 0.3107, 0.3835



7.6025, 0.3211, 0.3178



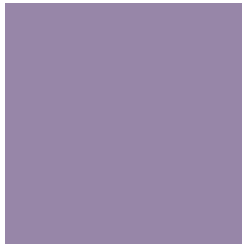
6.7805, 0.4922, 0.2485



0.1753, 0.4217, 0.2097

Previews

White Background



This preview shows how the Yxy color 26.4567, 0.2970, 0.2771 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 26.4567, 0.2970, 0.2771 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

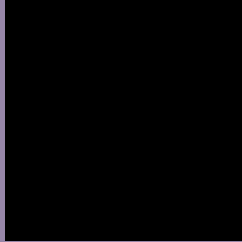
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.4567, 0.2970, 0.2771

Background



This preview shows how black text looks on a background with the Yxy color 26.4567, 0.2970, 0.2771.



This preview shows how white text looks on a background with the Yxy color 26.4567, 0.2970, 0.2771.

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

26.4567, 0.2970, 0.2771

Protanopia

26.4303, 0.2759, 0.2767

Deuteranopia

26.3441, 0.2878, 0.2818



Tritanopia

26.6110, 0.3135, 0.3130

Trichromacy



Original Color

26.4567, 0.2970, 0.2771

Protanomaly

26.4070, 0.2833, 0.2759

Deuteranomaly

26.4181, 0.2918, 0.2808

Tritanomaly

26.6474, 0.3076, 0.3007

Monochromacy



Original Color

26.4567, 0.2970, 0.2771

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

27.1342, 0.3072, 0.3099

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.4567, 0.2970, 0.2771 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(151, 134, 168)` looks like.

```
.text, #text, p{  
    color:rgb(151, 134, 168)  
}
```

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(151, 134, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 134, 168) }
```

Border

The CSS property to change the border of an element to Yxy 26.4567, 0.2970, 0.2771 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(151, 134, 168) }
```

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

```
.border{ border-color:rgb(151, 134, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 134, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 134, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 134, 168);  
box-shadow:4px 4px 4px 4px rgb(151, 134,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 26.4567, 0.2970, 0.2771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 134, 168) }
```

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

```
.background{ background-color: rgb(151,  
134, 168) }
```

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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