

Converting Colors

$Y_{xy}(26.1201, 0.2988, 0.2825)$

Have a look what the booklet for
Yxy(26.1201, 0.2988, 0.2825)
contains.

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Color

Yxy(26.1201, 0.2988, 0.2825)

Conversions

Conversions Part 1

Format	Color
Hex	9586A4
RGB	149, 134, 164
RGB Percent	58%, 53%, 64%
CMY	0.4155, 0.4746, 0.3568
CMYK	0.09, 0.18, 0.00, 0.36
HSL	270°, 14%, 58%
HSV	270°, 18%, 64%
XYZ	27.6272, 26.1201, 38.7132
YIQ	141.9050, -0.6900, 12.5100

Conversions

Conversions Part 2

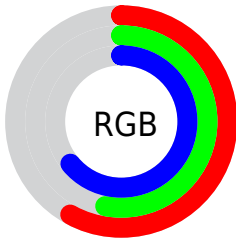
Format	Color
RYB	149, 134, 164
Decimal	9799332
CIELab	58.15, 11.59, -13.84
CIELCh	58, 18.055, 309.952
Yxy	26.1201, 0.2988, 0.2825
Android (android.graphics.Color)	4287989412 (0xFF9586A4)
YUV	141.9050, 10.8928, 6.2223
Hunter-Lab	51.1078, 7.0525, -9.1356

Details

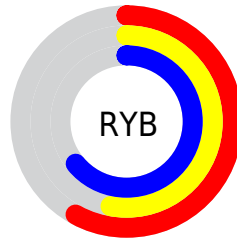
The Yxy color $26.1201, 0.2988, 0.2825$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $34.6617, 0.3247, 0.3756$, and the grayscale version is $26.9697, 0.3127, 0.3290$.

A 20% lighter version of the original color is $53.3516, 0.3017, 0.2916$, and $10.1072, 0.2935, 0.2665$ is the 20% darker color. If you saturate the color by 10%, you get $21.1916, 0.2895, 0.2546$, and if you desaturate by 10%, it is $31.8080, 0.3069, 0.3087$.

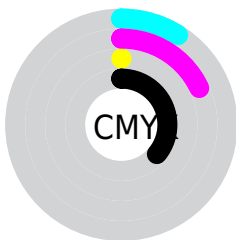
Distribution



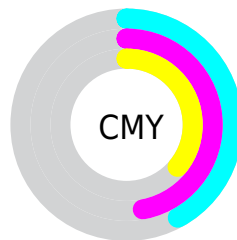
- Red (58%)
- Green (53%)
- Blue (64%)



- Red (58%)
- Yellow (53%)
- Blue (64%)



- Cyan (9%)
- Magenta (18%)
- Yellow (0%)
- Black (36%)





- Cyan (42%)
- Magenta (47%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.1201, 0.2988, 0.2825 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 26.1201, 0.2988, 0.2825 by changing the saturation by 10% instead.


 26.1201, 0.2988,
0.2825


 26.1201, 0.2988,
0.2825


283.3711, 0.3066,
0.3073


 16.9135, 0.2965,
0.2758

 53.4686, 0.3019,
0.2919

 10.1728, 0.2933,
0.2668


 72.3794, 0.3030,
0.2953

 5.5137, 0.2886,
0.2543


 95.2936, 0.3039,
0.2981

 2.5517, 0.2811,
0.2356

122.5957, 0.3046,
0.3005

 0.9025, 0.2674,
0.2049

154.6702, 0.3052,
0.3026

 0.0000, 0.1062,
0.0000

191.9013, 0.3058,

 0.0000, 0.0000,

0.3043

0.0000

234.6735, 0.3062,
0.3059

■ 26.1201, 0.2988,
0.2825

■ 26.1201, 0.2988,
0.2825

■ 21.1916, 0.2895,
0.2546

■ 31.8080, 0.3069,
0.3087

■ 16.9857, 0.2789,
0.2256

■ 38.2831, 0.3138,
0.3330

■ 13.4675, 0.2673,
0.1965

■ 45.5762, 0.3197,
0.3550

■ 10.5979, 0.2547,
0.1683

■ 53.7151, 0.3246,
0.3750

■ 8.3336, 0.2418,
0.1426

■ 62.7265, 0.3286,
0.3929

■ 6.6260, 0.2289,
0.1206

■ 72.6358, 0.3320,
0.4088

■ 5.4184, 0.2166,
0.1035

■ 83.4674, 0.3348,
0.4231

■ 4.6093, 0.2053,
0.0914

■ 88.5650, 0.3391,
0.4270

■ 4.4861, 0.2035,
0.0895

■ 89.8296, 0.3445,
0.4253

Harmonies

Analogous

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



26.1201, 0.2727, 0.2787



26.1201, 0.2988, 0.2825



26.1201, 0.3299, 0.2972

Triad

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



26.1201, 0.2988, 0.2825



26.1201, 0.3705, 0.3680



26.1201, 0.2694, 0.3366

Complementary

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



26.1201, 0.2988, 0.2825



34.6617, 0.3247, 0.3756

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.



26.1201, 0.2940, 0.3643



26.1201, 0.2988, 0.2825



26.1201, 0.3526, 0.3820

Square

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



26.1201, 0.2988, 0.2825



26.1201, 0.3724, 0.3451



26.1201, 0.3244, 0.3813



26.1201, 0.2565, 0.3082

Rectangle

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



26.1201, 0.2988, 0.2825



26.1201, 0.3492, 0.3115



26.1201, 0.3244, 0.3813



26.1201, 0.2765, 0.3464

Sweetspot

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



26.1212, 0.2988, 0.2825



61.3440, 0.3092, 0.3167



29.2429, 0.2846, 0.3051



13.2447, 0.3088, 0.3151



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



26.1212, 0.2988, 0.2825



43.5693, 0.2951, 0.2712



27.6212, 0.3148, 0.2847



7.0263, 0.3062, 0.3063



3.4675, 0.2045, 0.0900



0.1010, 0.2459, 0.1128

Inverse Universe

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



27.1089, 0.3307, 0.3064



45.7341, 0.3356, 0.3011



33.3436, 0.3104, 0.3776



7.1421, 0.3211, 0.3178



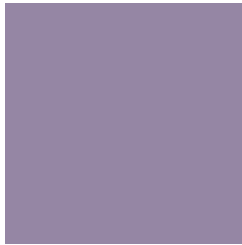
6.5254, 0.4926, 0.2487



0.1467, 0.4159, 0.2065

Previews

White Background



This preview shows how the Yxy color 26.1201, 0.2988, 0.2825 looks on a white background.

Color Contrast Check

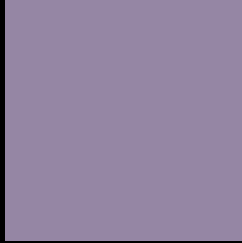
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.1201, 0.2988, 0.2825 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

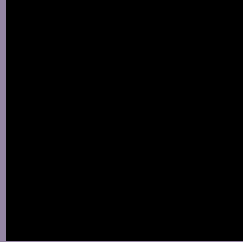
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.1201, 0.2988, 0.2825

Background



This preview shows how black text looks on a background with the Yxy color 26.1201, 0.2988, 0.2825.



This preview shows how white text looks on a background with the Yxy color 26.1201, 0.2988, 0.2825.

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

26.1201, 0.2988, 0.2825

Protanopia

26.3236, 0.2811, 0.2842

Deuteranopia

26.0394, 0.2916, 0.2848



Tritanopia

26.1404, 0.3114, 0.3113

Trichromacy



Original Color

26.1201, 0.2988, 0.2825

Protanomaly

26.1335, 0.2867, 0.2830

Deuteranomaly

26.0280, 0.2946, 0.2836

Tritanomaly

26.1445, 0.3065, 0.3004

Monochromacy



Original Color

26.1201, 0.2988, 0.2825

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

26.6870, 0.3082, 0.3113

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.1201, 0.2988, 0.2825 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(149, 134, 164)` looks like.

```
.text, #text, p{  
    color:rgb(149, 134, 164)  
}
```

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(149, 134, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 134, 164) }
```

Border

The CSS property to change the border of an element to Yxy 26.1201, 0.2988, 0.2825 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(149, 134, 164) }
```

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

```
.border{ border-color:rgb(149, 134, 164) }
```

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

Here you see how a box with a 4 pixel rgb(149, 134, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 134, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 134, 164);  
box-shadow:4px 4px 4px 4px rgb(149, 134,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 26.1201, 0.2988, 0.2825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 134, 164) }
```

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

```
.background{ background-color: rgb(149,  
134, 164) }
```

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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