

Converting Colors

$Y_{xy}(26.0137, 0.2980, 0.2794)$

Have a look what the booklet for
Yxy(26.0137, 0.2980, 0.2794)
contains.

Yxy(25.9757, 0.2988, 0.2797)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(25.9757, 0.2988, 0.2797)

Conversions

Conversions Part 1

Format	Color
Hex	9685A5
RGB	150, 133, 165
RGB Percent	59%, 52%, 65%
CMY	0.4119, 0.4783, 0.3530
CMYK	0.09, 0.19, 0.00, 0.35
HSL	272°, 15%, 58%
HSV	272°, 19%, 65%
XYZ	27.7495, 25.9757, 39.1446
YIQ	141.7310, -0.1400, 13.5560

Conversions

Conversions Part 2

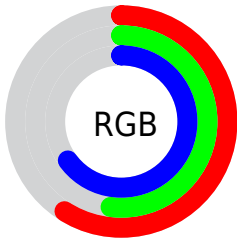
Format	Color
R_{YB}	150, 133, 165
Decimal	9864613
CIE _{Lab}	58.01, 12.67, -14.60
CIE _{LCh}	58, 19.333, 310.954
Yxy	25.9757, 0.2988, 0.2797
Android (android.graphics.Color)	4288054693 (0xFF9685A5)
YUV	141.7310, 11.4716, 7.2519
Hunter-Lab	50.9664, 7.9963, -9.8612

Details

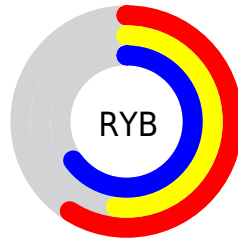
The Yxy color **25.9757, 0.2988, 0.2797** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **34.9032, 0.3245, 0.3787**, and the grayscale version is **26.8910, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.1225, 0.3017, 0.2894**, and **10.0314, 0.2936, 0.2625** is the 20% darker color. If you saturate the color by 10%, you get **21.0956, 0.2899, 0.2518**, and if you desaturate by 10%, it is **31.6165, 0.3065, 0.3060**.

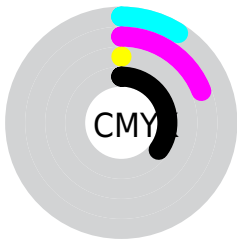
Distribution



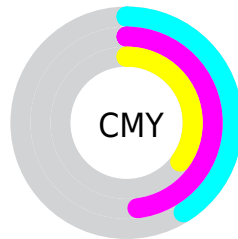
- Red (59%)
- Green (52%)
- Blue (65%)



- Red (59%)
- Yellow (52%)
- Blue (65%)



- Cyan (9%)
- Magenta (19%)
- Yellow (0%)
- Black (35%)



- Cyan (41%)
- Magenta (48%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.9757, 0.2988, 0.2797 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 25.9757, 0.2988, 0.2797 by changing the saturation by 10% instead.

■ 25.9757, 0.2988,
0.2797

■ 25.9757, 0.2988,
0.2797

■ 282.6628, 0.3067,
0.3059

■ 16.8055, 0.2965,
0.2726

■ 53.2357, 0.3019,
0.2896

■ 10.0959, 0.2932,
0.2632

■ 72.0943, 0.3030,
0.2932

■ 5.4626, 0.2885,
0.2500

■ 94.9512, 0.3039,
0.2962

■ 2.5211, 0.2808,
0.2304

■ 122.1906, 0.3046,
0.2988

■ 0.8872, 0.2667,
0.1985

■ 154.1971, 0.3053,
0.3009

■ 0.0000, 0.1138,
0.0000

■ 191.3551, 0.3058,

■ 0.0000, 0.0000,

0.3028

0.0000

234.0488, 0.3063,
0.3045

■ 25.9757, 0.2988,
0.2797

■ 25.9757, 0.2988,
0.2797

■ 21.0956, 0.2899,
0.2518

■ 31.6165, 0.3065,
0.3060

■ 16.9388, 0.2799,
0.2231

■ 38.0464, 0.3131,
0.3305

■ 13.4699, 0.2688,
0.1943

■ 45.2966, 0.3187,
0.3528

■ 10.6489, 0.2569,
0.1668

■ 53.3953, 0.3233,
0.3731

■ 8.4317, 0.2445,
0.1419

■ 62.3694, 0.3272,
0.3913

■ 6.7682, 0.2322,
0.1209

■ 72.2449, 0.3303,
0.4076

■ 5.6001, 0.2205,
0.1048

■ 83.0464, 0.3330,
0.4222

■ 4.8066, 0.2097,
0.0932

■ 88.2400, 0.3369,
0.4265

■ 4.7608, 0.2090,
0.0925

■ 89.4218, 0.3421,
0.4248

Harmonies

Analogous

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



25.9757, 0.2707, 0.2752



25.9757, 0.2988, 0.2797



25.9757, 0.3322, 0.2957

Triad

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



25.9757, 0.2988, 0.2797



25.9757, 0.3743, 0.3714



25.9757, 0.2657, 0.3360

Complementary

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



25.9757, 0.2988, 0.2797



34.9032, 0.3245, 0.3787

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.



25.9757, 0.2915, 0.3661



25.9757, 0.2988, 0.2797



25.9757, 0.3545, 0.3861

Square

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



25.9757, 0.2988, 0.2797



25.9757, 0.3771, 0.3469



25.9757, 0.3240, 0.3849



25.9757, 0.2524, 0.3056

Rectangle

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



25.9757, 0.2988, 0.2797



25.9757, 0.3527, 0.3111



25.9757, 0.3240, 0.3849



25.9757, 0.2731, 0.3466

Sweetspot

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



25.9768, 0.2988, 0.2797



60.2333, 0.3088, 0.3142



29.0335, 0.2828, 0.3026



13.0196, 0.3084, 0.3127



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.



25.9768, 0.2988, 0.2797



42.8313, 0.2953, 0.2686



27.4764, 0.3155, 0.2828



7.0359, 0.3066, 0.3063



3.6319, 0.2100, 0.0931



0.1042, 0.2502, 0.1152

Inverse Universe

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



26.9195, 0.3329, 0.3063



44.8483, 0.3382, 0.3014



33.6047, 0.3098, 0.3800



7.1388, 0.3215, 0.3185



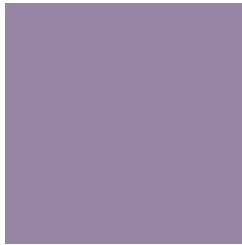
6.4735, 0.5043, 0.2552



0.1456, 0.4229, 0.2103

Previews

White Background



This preview shows how the Yxy color 25.9757, 0.2988, 0.2797 looks on a white background.

Color Contrast Check

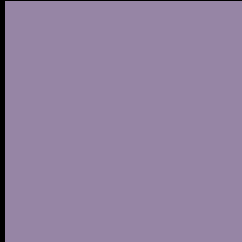
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.9757, 0.2988, 0.2797 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

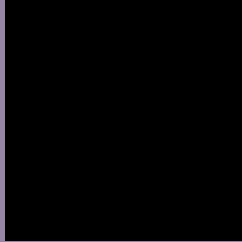
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.9757, 0.2988, 0.2797

Background



This preview shows how black text looks on a background with the Yxy color 25.9757, 0.2988, 0.2797.



This preview shows how white text looks on a background with the Yxy color 25.9757, 0.2988, 0.2797.

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

25.9757, 0.2988, 0.2797

Protanopia

26.0281, 0.2783, 0.2794

Deuteranopia

25.9514, 0.2905, 0.2846



Tritanopia

25.9179, 0.3135, 0.3113

Trichromacy



Original Color

25.9757, 0.2988, 0.2797

Protanomaly

25.9244, 0.2849, 0.2785

Deuteranomaly

25.9376, 0.2936, 0.2834

Tritanomaly

25.9569, 0.3076, 0.2989

Monochromacy



Original Color

25.9757, 0.2988, 0.2797

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 25.9757, 0.2988, 0.2797 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(150, 133, 165)` looks like.

```
.text, #text, p{  
    color:rgb(150, 133, 165)  
}
```

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(150, 133, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 133, 165) }
```

Border

The CSS property to change the border of an element to Yxy 25.9757, 0.2988, 0.2797 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(150, 133, 165) }
```

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

```
.border{ border-color:rgb(150, 133, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 133, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 133, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 133, 165);  
box-shadow:4px 4px 4px 4px rgb(150, 133,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 25.9757, 0.2988, 0.2797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 133, 165) }
```

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

```
.background{ background-color: rgb(150,  
133, 165) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor