

Converting Colors

$Y_{xy}(26.7816, 0.2980, 0.2841)$

Have a look what the booklet for
Yxy(26.7816, 0.2980, 0.2841)
contains.

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Color

Yxy(26.7145, 0.2978, 0.2842)

Conversions

Conversions Part 1

Format	Color
Hex	9588A5
RGB	149, 136, 165
RGB Percent	58%, 53%, 65%
CMY	0.4157, 0.4667, 0.3528
CMYK	0.10, 0.18, 0.00, 0.35
HSL	267°, 14%, 59%
HSV	267°, 18%, 65%
XYZ	27.9929, 26.7145, 39.2916
YIQ	143.1930, -1.5610, 11.7750

Conversions

Conversions Part 2

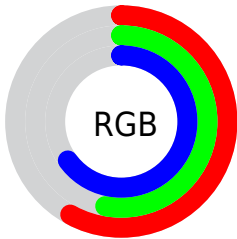
Format	Color
R_{YB}	149, 136, 165
Decimal	9799845
CIE _{Lab}	58.71, 10.64, -13.58
CIE _{LCh}	59, 17.253, 308.085
Yxy	26.7145, 0.2978, 0.2842
Android (android.graphics.Color)	4287989925 (0xFF9588A5)
YUV	143.1930, 10.7509, 5.0927
Hunter-Lab	51.6861, 6.2240, -8.8918

Details

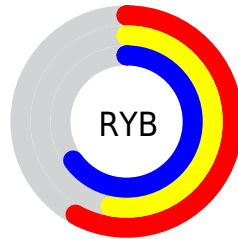
The Yxy color $26.7145, 0.2978, 0.2842$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $35.3754, 0.3257, 0.3735$, and the grayscale version is $27.5072, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.2590, 0.3009, 0.2929$, and $10.4445, 0.2922, 0.2690$ is the 20% darker color. If you saturate the color by 10%, you get $21.5962, 0.2875, 0.2560$, and if you desaturate by 10%, it is $32.6178, 0.3068, 0.3105$.

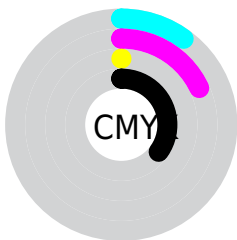
Distribution



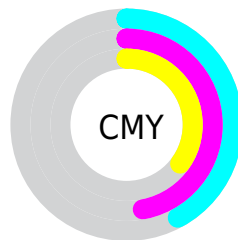
- Red (58%)
- Green (53%)
- Blue (65%)



- Red (58%)
- Yellow (53%)
- Blue (65%)



- Cyan (10%)
- Magenta (18%)
- Yellow (0%)
- Black (35%)




- Cyan (42%)
- Magenta (47%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.7145, 0.2978, 0.2842 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 26.7145, 0.2978, 0.2842 by changing the saturation by 10% instead.


 26.7145, 0.2978,
0.2842


 26.7145, 0.2978,
0.2842


286.2721, 0.3061,
0.3080


 17.3589, 0.2954,
0.2778


 54.4254, 0.3011,
0.2932

 10.4907, 0.2921,
0.2692


 73.5495, 0.3022,
0.2965

 5.7255, 0.2872,
0.2572


 96.6986, 0.3032,
0.2992

 2.6789, 0.2795,
0.2393

124.2570, 0.3040,
0.3015

 0.9665, 0.2656,
0.2100

156.6091, 0.3046,
0.3035

 0.0000, 0.1351,
0.0000

194.1395, 0.3052,

 0.0000, 0.0000,

0.3052

0.0000

237.2323, 0.3057,
0.3067

■ 26.7145, 0.2978,
0.2842

■ 26.7145, 0.2978,
0.2842

■ 21.5962, 0.2875,
0.2560

■ 32.6178, 0.3068,
0.3105

■ 17.2253, 0.2758,
0.2266

■ 39.3347, 0.3145,
0.3346

■ 13.5662, 0.2630,
0.1967

■ 46.8966, 0.3210,
0.3565

■ 10.5789, 0.2493,
0.1675

■ 55.3320, 0.3265,
0.3761

■ 8.2195, 0.2351,
0.1407

■ 64.6683, 0.3311,
0.3936

6.4384, 0.2211,
0.1176

74.9314, 0.3349,
0.4093

5.1781, 0.2080,
0.0995

86.1465, 0.3381,
0.4232

4.3464, 0.1962,
0.0867

89.7466, 0.3435,
0.4244

4.1716, 0.1935,
0.0839

91.2227, 0.3496,
0.4224

Harmonies

Analogous

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



26.7145, 0.2735, 0.2814



26.7145, 0.2978, 0.2842



26.7145, 0.3272, 0.2976

Triad

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



26.7145, 0.2978, 0.2842



26.7145, 0.3681, 0.3650



26.7145, 0.2728, 0.3380

Complementary

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



26.7145, 0.2978, 0.2842



35.3754, 0.3257, 0.3735

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.



26.7145, 0.2967, 0.3637



26.7145, 0.2978, 0.2842



26.7145, 0.3520, 0.3788

Square

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



26.7145, 0.2978, 0.2842



26.7145, 0.3689, 0.3429



26.7145, 0.3256, 0.3790



26.7145, 0.2596, 0.3109

Rectangle

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



26.7145, 0.2978, 0.2842



26.7145, 0.3457, 0.3110



26.7145, 0.3256, 0.3790



26.7145, 0.2798, 0.3472

Sweetspot

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



26.7156, 0.2978, 0.2842



61.2608, 0.3088, 0.3167



30.5541, 0.2859, 0.3092



13.2242, 0.3083, 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.



26.7156, 0.2978, 0.2842



44.1892, 0.2940, 0.2737



28.1218, 0.3126, 0.2862



7.0080, 0.3054, 0.3063



3.1835, 0.1945, 0.0845



0.0948, 0.2375, 0.1082

Inverse Universe

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



27.8778, 0.3282, 0.3050



46.6803, 0.3323, 0.2996



34.0957, 0.3123, 0.3753



7.1483, 0.3203, 0.3167



6.6340, 0.4705, 0.2365



0.1487, 0.4035, 0.1996

Previews

White Background



This preview shows how the Yxy color 26.7145, 0.2978, 0.2842 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 26.7145, 0.2978, 0.2842 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 26.7145, 0.2978, 0.2842

Background



This preview shows how black text looks on a background with the Yxy color 26.7145, 0.2978, 0.2842.



This preview shows how white text looks on a background with the Yxy color 26.7145, 0.2978, 0.2842.

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

26.7145, 0.2978, 0.2842

Protanopia

26.8176, 0.2823, 0.2846

Deuteranopia

26.8229, 0.2927, 0.2868



Tritanopia

26.8703, 0.3103, 0.3115

Trichromacy



Original Color

26.7145, 0.2978, 0.2842

Protanomaly

26.9180, 0.2880, 0.2851

Deuteranomaly

26.7189, 0.2947, 0.2854

Tritanomaly

26.8394, 0.3065, 0.3022

Monochromacy



Original Color

26.7145, 0.2978, 0.2842

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

27.0103, 0.3071, 0.3114

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.7145, 0.2978, 0.2842 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, 136, 165) looks like.

```
.text, #text, p{  
    color:rgb(149, 136, 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(149, 136, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 136, 165) }
```

Border

The CSS property to change the border of an element to Yxy 26.7145, 0.2978, 0.2842 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, 136, 165) }
```

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

```
.border{ border-color:rgb(149, 136, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 136, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 136, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 136, 165);  
box-shadow:4px 4px 4px 4px rgb(149, 136,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 26.7145, 0.2978, 0.2842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 136, 165) }
```

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

```
.background{ background-color: rgb(149,  
136, 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](#).

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