

Converting Colors

$Y_{xy}(28.4932, 0.2974, 0.2821)$

Have a look what the booklet for
Yxy(28.4932, 0.2974, 0.2821)
contains.

Yxy(28.5665, 0.2973, 0.2826)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(28.5665, 0.2973, 0.2826)

Conversions

Conversions Part 1

Format	Color
Hex	9A8CAB
RGB	154, 140, 171
RGB Percent	60%, 55%, 67%
CMY	0.3962, 0.4509, 0.3293
CMYK	0.10, 0.18, 0.00, 0.33
HSL	267°, 16%, 61%
HSV	267°, 18%, 67%
XYZ	30.0524, 28.5665, 42.4656
YIQ	147.7200, -1.6070, 12.6090

Conversions

Conversions Part 2

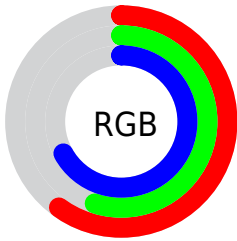
Format	Color
RYB	154, 140, 171
Decimal	10128555
CIELab	60.40, 11.33, -14.41
CIELCh	60, 18.329, 308.193
Yxy	28.5665, 0.2973, 0.2826
Android (android.graphics.Color)	4288318635 (0xFF9A8CAB)
YUV	147.7200, 11.4770, 5.5076
Hunter-Lab	53.4476, 6.8333, -9.6942

Details

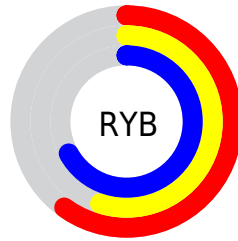
The Yxy color $28.5665, 0.2973, 0.2826$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $38.1991, 0.3261, 0.3750$, and the grayscale version is $29.4432, 0.3127, 0.3290$.

A 20% lighter version of the original color is $57.6299, 0.3012, 0.2927$, and $11.5278, 0.2917, 0.2673$ is the 20% darker color. If you saturate the color by 10%, you get $23.0654, 0.2869, 0.2543$, and if you desaturate by 10%, it is $34.9190, 0.3063, 0.3091$.

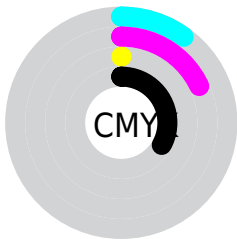
Distribution



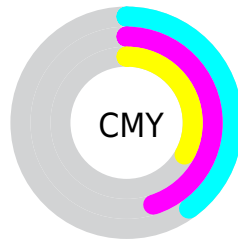
- Red (60%)
- Green (55%)
- Blue (67%)



- Red (60%)
- Yellow (55%)
- Blue (67%)



- Cyan (10%)
- Magenta (18%)
- Yellow (0%)
- Black (33%)





- Cyan (40%)
- Magenta (45%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.5665, 0.2973, 0.2826 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 28.5665, 0.2973, 0.2826 by changing the saturation by 10% instead.


 28.5665, 0.2973,
0.2826


 28.5665, 0.2973,
0.2826


295.1641, 0.3058,
0.3070


 18.7531, 0.2949,
0.2761


 57.3876, 0.3006,
0.2918

 11.4920, 0.2915,
0.2675


 77.1642, 0.3018,
0.2951

 6.3988, 0.2867,
0.2557


 101.0306, 0.3028,
0.2979

 3.0891, 0.2793,
0.2383

129.3712, 0.3036,
0.3003

 1.1784, 0.2661,
0.2106

162.5705, 0.3043,
0.3023

 0.0440, 0.2242,
0.0310

201.0128, 0.3049,

 0.0000, 0.0000,

0.3041

0.0000

245.0825, 0.3054,
0.3056

■ 28.5665, 0.2973,
0.2826

■ 28.5665, 0.2973,
0.2826

■ 23.0654, 0.2869,
0.2543

■ 34.9190, 0.3063,
0.3091

■ 18.3747, 0.2752,
0.2247

■ 42.1543, 0.3141,
0.3334

■ 14.4552, 0.2623,
0.1947

■ 50.3067, 0.3206,
0.3554

■ 11.2633, 0.2486,
0.1657

■ 59.4074, 0.3262,
0.3752

■ 8.7504, 0.2344,
0.1390

■ 69.4864, 0.3308,
0.3929

6.8621, 0.2204,
0.1162

80.5719, 0.3346,
0.4087

5.5350, 0.2074,
0.0985

89.6414, 0.3387,
0.4185

4.6628, 0.1957,
0.0861

91.1477, 0.3450,
0.4166

4.5193, 0.1936,
0.0840

92.7377, 0.3514,
0.4148

Harmonies

Analogous

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



28.5665, 0.2721, 0.2796



28.5665, 0.2973, 0.2826



28.5665, 0.3279, 0.2965

Triad

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



28.5665, 0.2973, 0.2826



28.5665, 0.3703, 0.3663



28.5665, 0.2712, 0.3382

Complementary

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



28.5665, 0.2973, 0.2826



38.1991, 0.3261, 0.3750

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.



28.5665, 0.2959, 0.3651



28.5665, 0.2973, 0.2826



28.5665, 0.3534, 0.3808

Square

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



28.5665, 0.2973, 0.2826



28.5665, 0.3711, 0.3434



28.5665, 0.3260, 0.3810



28.5665, 0.2576, 0.3100

Rectangle

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



28.5665, 0.2973, 0.2826



28.5665, 0.3471, 0.3104



28.5665, 0.3260, 0.3810



28.5665, 0.2784, 0.3478

Sweetspot

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



28.5677, 0.2973, 0.2826



66.2953, 0.3088, 0.3167



32.6528, 0.2849, 0.3077



14.5926, 0.3083, 0.3150



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.



28.5677, 0.2973, 0.2826



46.7746, 0.2930, 0.2707



30.1869, 0.3132, 0.2848



7.9272, 0.3053, 0.3060



3.4366, 0.1946, 0.0846



0.1284, 0.2306, 0.1044

Inverse Universe

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



29.8553, 0.3289, 0.3043



49.5736, 0.3335, 0.2982



36.7377, 0.3118, 0.3771



8.0862, 0.3204, 0.3166



7.1467, 0.4719, 0.2374



0.2096, 0.4149, 0.2059

Previews

White Background



This preview shows how the Yxy color 28.5665, 0.2973, 0.2826 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 28.5665, 0.2973, 0.2826 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

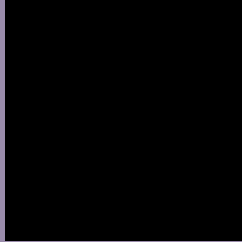
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.5665, 0.2973, 0.2826

Background



This preview shows how black text looks on a background with the Yxy color 28.5665, 0.2973, 0.2826.



This preview shows how white text looks on a background with the Yxy color 28.5665, 0.2973, 0.2826.

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

28.5665, 0.2973, 0.2826

Protanopia

28.4915, 0.2803, 0.2826

Deuteranopia

28.5822, 0.2914, 0.2849



Tritanopia

28.5573, 0.3104, 0.3119

Trichromacy



Original Color

28.5665, 0.2973, 0.2826

Protanomaly

28.5913, 0.2858, 0.2831

Deuteranomaly

28.4741, 0.2934, 0.2836

Tritanomaly

28.5595, 0.3057, 0.3014

Monochromacy



Original Color

28.5665, 0.2973, 0.2826

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

29.1351, 0.3073, 0.3119

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.5665, 0.2973, 0.2826 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(154, 140, 171)` looks like.

```
.text, #text, p{  
    color:rgb(154, 140, 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(154, 140, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 140, 171) }
```

Border

The CSS property to change the border of an element to Yxy 28.5665, 0.2973, 0.2826 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(154, 140, 171) }
```

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

```
.border{ border-color:rgb(154, 140, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 140, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 140, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 140, 171);  
box-shadow:4px 4px 4px 4px rgb(154, 140,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 28.5665, 0.2973, 0.2826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 140, 171) }
```

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

```
.background{ background-color: rgb(154,  
140, 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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