

Converting Colors

$Y_{xy}(27.0258, 0.2759, 0.2355)$

Have a look what the booklet for
Yxy(27.0258, 0.2759, 0.2355)
contains.

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Color

Yxy(27.0644, 0.2758, 0.2349)

Conversions

Conversions Part 1

Format	Color
Hex	9C82C5
RGB	156, 130, 197
RGB Percent	61%, 51%, 77%
CMY	0.3881, 0.4902, 0.2274
CMYK	0.21, 0.34, 0.00, 0.23
HSL	263°, 37%, 64%
HSV	263°, 34%, 77%
XYZ	31.7768, 27.0644, 56.3755
YIQ	145.4120, -6.0110, 26.3490

Conversions

Conversions Part 2

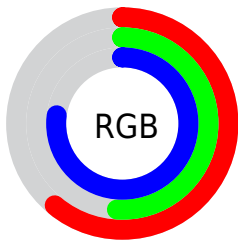
Format	Color
R_{YB}	156, 130, 197
Decimal	10257093
CIE _{Lab}	59.03, 23.60, -31.23
CIE _{LCh}	59, 39.145, 307.082
Y _{xy}	27.0644, 0.2758, 0.2349
Android (android.graphics.Color)	4288447173 (0xFF9C82C5)
YUV	145.4120, 25.4329, 9.2857
Hunter-Lab	52.0235, 17.9896, -27.8335

Details

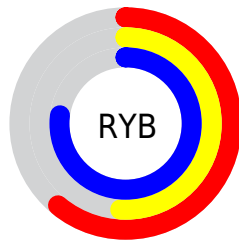
The Yxy color **27.0644, 0.2758, 0.2349** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **50.1994, 0.3409, 0.4196**, and the grayscale version is **28.3900, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.8716, 0.2834, 0.2521**, and **10.6041, 0.2613, 0.2065** is the 20% darker color. If you saturate the color by 10%, you get **21.1745, 0.2618, 0.2039**, and if you desaturate by 10%, it is **34.0789, 0.2884, 0.2649**.

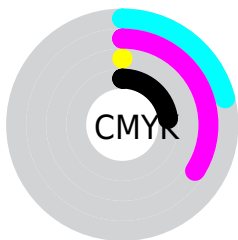
Distribution



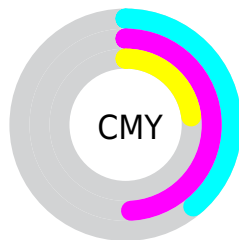
- Red (61%)
- Green (51%)
- Blue (77%)



- Red (61%)
- Yellow (51%)
- Blue (77%)



- Cyan (21%)
- Magenta (34%)
- Yellow (0%)
- Black (23%)




- Cyan (39%)
- Magenta (49%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.0644, 0.2758, 0.2349 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 27.0644, 0.2758, 0.2349 by changing the saturation by 10% instead.


 27.0644, 0.2758,
0.2349


 27.0644, 0.2758,
0.2349


287.9688, 0.2964,
0.2828


 17.6216, 0.2700,
0.2229


 54.9872, 0.2838,
0.2524

 10.6787, 0.2621,
0.2075


 74.2360, 0.2867,
0.2589

 5.8512, 0.2510,
0.1872


 97.5222, 0.2890,
0.2645

 2.7548, 0.2343,
0.1595

125.2303, 0.2910,
0.2692

 1.0051, 0.2074,
0.1206

157.7445, 0.2926,
0.2733

 0.0000, 0.1574,
0.0000

195.4495, 0.2941,

 0.0000, 0.0000,

0.2768

0.0000

238.7294, 0.2953,
0.2800

■ 27.0644, 0.2758,
0.2349

■ 27.0644, 0.2758,
0.2349

■ 21.1745, 0.2618,
0.2039

■ 34.0789, 0.2884,
0.2649

■ 16.3451, 0.2468,
0.1732

■ 42.2708, 0.2996,
0.2932

■ 12.5103, 0.2312,
0.1442

■ 51.6938, 0.3092,
0.3192

■ 9.5953, 0.2158,
0.1188

■ 62.3968, 0.3175,
0.3428

■ 7.5144, 0.2015,
0.0984

■ 74.4264, 0.3245,
0.3640

6.1641, 0.1889,
0.0841

87.8266, 0.3304,
0.3828

5.5918, 0.1822,
0.0778

94.1359, 0.3374,
0.3879

96.3180, 0.3454,
0.3863

96.8115, 0.3472,
0.3860

Harmonies

Analogous

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



27.0644, 0.2265, 0.2279



27.0644, 0.2758, 0.2349



27.0644, 0.3411, 0.2614

Triad

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



27.0644, 0.2758, 0.2349



27.0644, 0.4365, 0.4000



27.0644, 0.2262, 0.3493

Complementary

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



27.0644, 0.2758, 0.2349



50.1994, 0.3409, 0.4196

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.



27.0644, 0.2762, 0.4142



27.0644, 0.2758, 0.2349



27.0644, 0.3982, 0.4383

Square

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



27.0644, 0.2758, 0.2349



27.0644, 0.4400, 0.3511



27.0644, 0.3392, 0.4479



27.0644, 0.2002, 0.2856

Rectangle

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



27.0644, 0.2758, 0.2349



27.0644, 0.3848, 0.2875



27.0644, 0.3392, 0.4479



27.0644, 0.2405, 0.3724

Sweetspot

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



27.0655, 0.2758, 0.2349



81.9583, 0.3035, 0.3035



38.0217, 0.2602, 0.2918



17.0398, 0.3021, 0.2998



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



27.0655, 0.2758, 0.2349



40.2647, 0.2653, 0.2113



30.8364, 0.3087, 0.2435



10.4851, 0.3042, 0.3055



3.7228, 0.1836, 0.0785



0.2179, 0.2079, 0.0919

Inverse Universe

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



30.7718, 0.3438, 0.2759



48.0900, 0.3534, 0.2639



46.9334, 0.3139, 0.4277



10.7441, 0.3196, 0.3150



8.7231, 0.4480, 0.2241



0.4269, 0.4147, 0.2058

Previews

White Background



This preview shows how the Yxy color 27.0644, 0.2758, 0.2349 looks on a white background.

Color Contrast Check

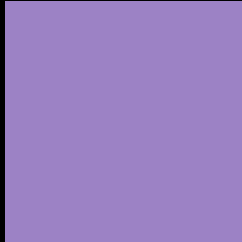
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.0644, 0.2758, 0.2349 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

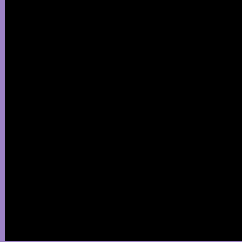
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.0644, 0.2758, 0.2349

Background



This preview shows how black text looks on a background with the Yxy color 27.0644, 0.2758, 0.2349.



This preview shows how white text looks on a background with the Yxy color 27.0644, 0.2758, 0.2349.

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

27.0644, 0.2758, 0.2349

Protanopia

27.2289, 0.2417, 0.2327

Deuteranopia

27.1319, 0.2522, 0.2458



Tritanopia

26.9631, 0.3114, 0.3115

Trichromacy



Original Color

27.0644, 0.2758, 0.2349

Protanomaly

26.9409, 0.2531, 0.2327

Deuteranomaly

26.9122, 0.2600, 0.2405

Tritanomaly

26.9776, 0.2980, 0.2817

Monochromacy



Original Color

27.0644, 0.2758, 0.2349

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

27.8261, 0.2988, 0.2920

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.0644, 0.2758, 0.2349 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(156, 130, 197)` looks like.

```
.text, #text, p{  
    color:rgb(156, 130, 197)  
}
```

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(156, 130, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 130, 197) }
```

Border

The CSS property to change the border of an element to Yxy 27.0644, 0.2758, 0.2349 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(156, 130, 197) }
```

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

```
.border{ border-color:rgb(156, 130, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 130, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 130, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 130, 197);  
box-shadow:4px 4px 4px 4px rgb(156, 130,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 27.0644, 0.2758, 0.2349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 130, 197) }
```

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

```
.background{ background-color: rgb(156,  
130, 197) }
```

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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