

Converting Colors

$Y_{xy}(26.1924, 0.2695, 0.2155)$

Have a look what the booklet for
Yxy(26.1924, 0.2695, 0.2155)
contains.

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Color

Yxy(26.2912, 0.2698, 0.2165)

Conversions

Conversions Part 1

Format	Color
Hex	9F7CCF
RGB	159, 124, 207
RGB Percent	62%, 49%, 81%
CMY	0.3766, 0.5137, 0.1882
CMYK	0.23, 0.40, 0.00, 0.19
HSL	265°, 46%, 65%
HSV	265°, 40%, 81%
XYZ	32.7638, 26.2912, 62.3824
YIQ	143.9270, -5.7830, 33.2330

Conversions

Conversions Part 2

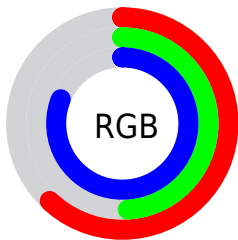
Format	Color
R_{YB}	159, 124, 207
Decimal	10452175
CIE _{Lab}	58.31, 30.27, -37.99
CIE _{LCh}	58, 48.571, 308.550
Yxy	26.2912, 0.2698, 0.2165
Android (android.graphics.Color)	4288642255 (0xFF9F7CCF)
YUV	143.9270, 31.0950, 13.2190
Hunter-Lab	51.2749, 24.3273, -36.2413

Details

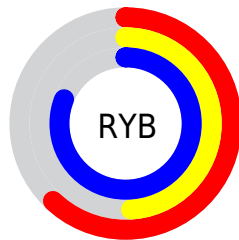
The Yxy color **26.2912, 0.2698, 0.2165** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **54.8604, 0.3432, 0.4381**, and the grayscale version is **27.7332, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.1114, 0.2854, 0.2453**, and **10.2287, 0.2546, 0.1852** is the 20% darker color. If you saturate the color by 10%, you get **20.4704, 0.2558, 0.1858**, and if you desaturate by 10%, it is **33.3218, 0.2826, 0.2470**.

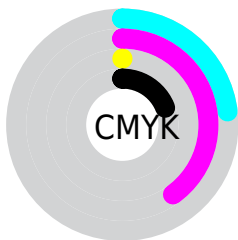
Distribution



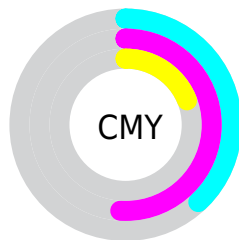
- Red (62%)
- Green (49%)
- Blue (81%)



- Red (62%)
- Yellow (49%)
- Blue (81%)



- Cyan (23%)
- Magenta (40%)
- Yellow (0%)
- Black (19%)





- Cyan (38%)
- Magenta (51%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.2912, 0.2698, 0.2165 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 26.2912, 0.2698, 0.2165 by changing the saturation by 10% instead.


 26.2912, 0.2698,
0.2165


 26.2912, 0.2698,
0.2165


284.2086, 0.2940,
0.2728


 17.0416, 0.2630,
0.2028

 53.7444, 0.2792,
0.2368

 10.2642, 0.2538,
0.1854


 72.7167, 0.2825,
0.2445

 5.5745, 0.2410,
0.1631


 95.6988, 0.2853,
0.2510

 2.5881, 0.2221,
0.1336

123.0750, 0.2876,
0.2566

 0.9207, 0.1924,
0.0946

155.2296, 0.2896,
0.2614

 0.0000, 0.1436,
0.0000

192.5472, 0.2912,

 0.0000, 0.0000,

0.2657

0.0000

235.4121, 0.2927,
0.2695

■ 26.2912, 0.2698,
0.2165

■ 26.2912, 0.2698,
0.2165

■ 20.4704, 0.2558,
0.1858

■ 33.3218, 0.2826,
0.2470

■ 15.7843, 0.2410,
0.1564

■ 41.6251, 0.2941,
0.2763

■ 12.1539, 0.2261,
0.1299


■ 51.2632, 0.3041,
0.3037

■ 9.4882, 0.2116,
0.1078


■ 62.2931, 0.3126,
0.3288


■ 7.6799, 0.1985,
0.0914


■ 74.7686, 0.3199,
0.3515

 6.5405, 0.1872,
0.0805

 88.7403, 0.3261,
0.3719

 95.0519, 0.3331,
0.3773

 97.2519, 0.3411,
0.3761

 97.2853, 0.3412,
0.3760

Harmonies

Analogous

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



26.2912, 0.2097, 0.2064



26.2912, 0.2698, 0.2165



26.2912, 0.3514, 0.2488

Triad

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



26.2912, 0.2698, 0.2165



26.2912, 0.4632, 0.4145



26.2912, 0.2036, 0.3488

Complementary

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



26.2912, 0.2698, 0.2165



54.8604, 0.3432, 0.4381

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.



26.2912, 0.2620, 0.4352



26.2912, 0.2698, 0.2165



26.2912, 0.4122, 0.4643

Square

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



26.2912, 0.2698, 0.2165



26.2912, 0.4725, 0.3552



26.2912, 0.3385, 0.4797



26.2912, 0.1755, 0.2697

Rectangle

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



26.2912, 0.2698, 0.2165



26.2912, 0.4064, 0.2800



26.2912, 0.3385, 0.4797



26.2912, 0.2200, 0.3790

Sweetspot

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



26.2922, 0.2698, 0.2165



78.8008, 0.3021, 0.2982



38.4591, 0.2502, 0.2797



16.4154, 0.3008, 0.2947



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.



26.2922, 0.2698, 0.2165



34.0950, 0.2580, 0.1904



31.2161, 0.3103, 0.2289



11.6575, 0.3047, 0.3054



4.1736, 0.1886, 0.0813



0.2796, 0.2096, 0.0929

Inverse Universe

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



30.6659, 0.3546, 0.2692



42.2589, 0.3674, 0.2570



50.9037, 0.3117, 0.4495



11.9213, 0.3201, 0.3156



9.2286, 0.4616, 0.2316



0.5317, 0.4289, 0.2136

Previews

White Background



This preview shows how the Yxy color 26.2912, 0.2698, 0.2165 looks on a white background.

Color Contrast Check

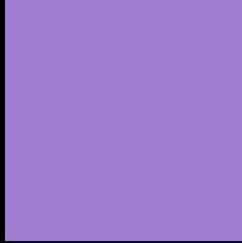
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.2912, 0.2698, 0.2165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

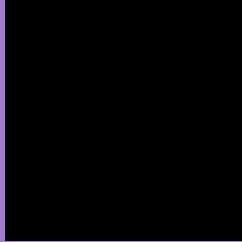
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.2912, 0.2698, 0.2165

Background



This preview shows how black text looks on a background with the Yxy color 26.2912, 0.2698, 0.2165.



This preview shows how white text looks on a background with the Yxy color 26.2912, 0.2698, 0.2165.

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

26.2912, 0.2698, 0.2165

Protanopia

26.6709, 0.2261, 0.2121

Deuteranopia

26.4023, 0.2369, 0.2311



Tritanopia

26.3253, 0.3135, 0.3114

Trichromacy



Original Color

26.2912, 0.2698, 0.2165

Protanomaly

26.2705, 0.2391, 0.2125

Deuteranomaly

26.2038, 0.2473, 0.2254

Tritanomaly

26.0425, 0.2971, 0.2728

Monochromacy



Original Color

26.2912, 0.2698, 0.2165

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

27.0709, 0.2959, 0.2829

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.2912, 0.2698, 0.2165 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(159, 124, 207)` looks like.

```
.text, #text, p{  
    color:rgb(159, 124, 207)  
}
```

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(159, 124, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 124, 207) }
```

Border

The CSS property to change the border of an element to Yxy 26.2912, 0.2698, 0.2165 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(159, 124, 207) }
```

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

```
.border{ border-color:rgb(159, 124, 207) }
```

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

Here you see how a box with a 4 pixel rgb(159, 124, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 124, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 124, 207);  
box-shadow:4px 4px 4px 4px rgb(159, 124,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 26.2912, 0.2698, 0.2165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 124, 207) }
```

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

```
.background{ background-color: rgb(159,  
124, 207) }
```

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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