

Converting Colors

$Y_{xy}(26.5604, 0.2755, 0.2134)$

Have a look what the booklet for
Yxy(26.5604, 0.2755, 0.2134)
contains.

Yxy(26.4937, 0.2756, 0.2130)	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(26.4937, 0.2756, 0.2130)

Conversions

Conversions Part 1

Format	Color
Hex	A779D1
RGB	167, 121, 209
RGB Percent	65%, 47%, 82%
CMY	0.3451, 0.5255, 0.1805
CMYK	0.20, 0.42, 0.00, 0.18
HSL	271°, 49%, 65%
HSV	271°, 42%, 82%
XYZ	34.2801, 26.4937, 63.6098
YIQ	144.7860, -0.8320, 37.1200

Conversions

Conversions Part 2

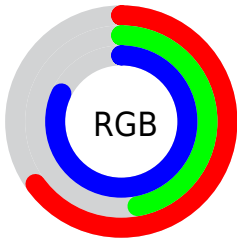
Format	Color
RYB	167, 121, 209
Decimal	10975697
CIELab	58.50, 34.78, -38.74
CIELCh	59, 52.059, 311.913
Yxy	26.4937, 0.2756, 0.2130
Android (android.graphics.Color)	4289165777 (0xFFA779D1)
YUV	144.7860, 31.6575, 19.4817
Hunter-Lab	51.4720, 28.8040, -37.2409

Details

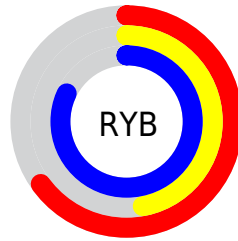
The Yxy color **26.4937, 0.2756, 0.2130** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **54.7513, 0.3373, 0.4467**, and the grayscale version is **28.0945, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.1801, 0.2914, 0.2436**, and **10.3503, 0.2612, 0.1815** is the 20% darker color. If you saturate the color by 10%, you get **20.9094, 0.2638, 0.1840**, and if you desaturate by 10%, it is **33.2639, 0.2864, 0.2424**.

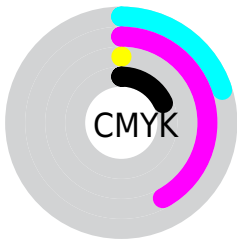
Distribution



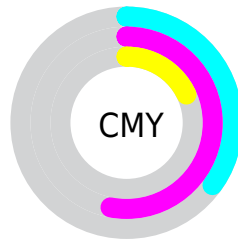
- Red (65%)
- Green (47%)
- Blue (82%)



- Red (65%)
- Yellow (47%)
- Blue (82%)



- Cyan (20%)
- Magenta (42%)
- Yellow (0%)
- Black (18%)



- Cyan (35%)
- Magenta (53%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.4937, 0.2756, 0.2130 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 26.4937, 0.2756, 0.2130 by changing the saturation by 10% instead.

 26.4937, 0.2756,
0.2130


 26.4937, 0.2756,
0.2130


285.1973, 0.2969,
0.2706


 17.1933, 0.2695,
0.1991


 54.0703, 0.2839,
0.2336

 10.3724, 0.2612,
0.1817


 73.1154, 0.2869,
0.2415

 5.6466, 0.2496,
0.1593


 96.1775, 0.2893,
0.2482

 2.6314, 0.2322,
0.1301

123.6410, 0.2913,
0.2539

 0.9425, 0.2048,
0.0917

155.8904, 0.2931,
0.2589

 0.0000, 0.1640,
0.0000

193.3099, 0.2945,

 0.0000, 0.0000,

0.2633

0.0000

236.2841, 0.2958,
0.2671

■ 26.4937, 0.2756,
0.2130

■ 26.4937, 0.2756,
0.2130

■ 20.9094, 0.2638,
0.1840

■ 33.2639, 0.2864,
0.2424

■ 16.4341, 0.2513,
0.1567

■ 41.2840, 0.2959,
0.2712

■ 12.9868, 0.2386,
0.1326

■ 50.6169, 0.3042,
0.2985

■ 10.4733, 0.2261,
0.1130

■ 61.3204, 0.3114,
0.3239

■ 8.7812, 0.2145,
0.0989

■ 73.4488, 0.3174,
0.3472

7.8709, 0.2061,
0.0909

87.0534, 0.3224,
0.3683

94.0909, 0.3280,
0.3758

95.8529, 0.3345,
0.3749

97.3820, 0.3400,
0.3741

Harmonies

Analogous

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



26.4937, 0.2092, 0.1994



26.4937, 0.2756, 0.2130



26.4937, 0.3639, 0.2491

Triad

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



26.4937, 0.2756, 0.2130



26.4937, 0.4678, 0.4248



26.4937, 0.1918, 0.3388

Complementary

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



26.4937, 0.2756, 0.2130



54.7513, 0.3373, 0.4467

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.



26.4937, 0.2498, 0.4343



26.4937, 0.2756, 0.2130



26.4937, 0.4092, 0.4768

Square

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



26.4937, 0.2756, 0.2130



26.4937, 0.4847, 0.3623



26.4937, 0.3296, 0.4890



26.4937, 0.1666, 0.2577

Rectangle

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



26.4937, 0.2756, 0.2130



26.4937, 0.4217, 0.2828



26.4937, 0.3296, 0.4890



26.4937, 0.2077, 0.3713

Sweetspot

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



26.4948, 0.2756, 0.2130



77.7659, 0.3034, 0.2957



35.0482, 0.2450, 0.2636



15.9169, 0.3016, 0.2897



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.



26.4948, 0.2756, 0.2130



33.2063, 0.2644, 0.1854



31.7575, 0.3190, 0.2279



11.7174, 0.3063, 0.3055



4.9135, 0.2075, 0.0917



0.3218, 0.2272, 0.1025

Inverse Universe

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



29.8711, 0.3682, 0.2768



39.5021, 0.3871, 0.2658



51.0694, 0.3058, 0.4563



11.9008, 0.3217, 0.3180



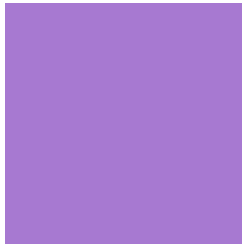
8.9413, 0.5041, 0.2551



0.5159, 0.4617, 0.2317

Previews

White Background



This preview shows how the Yxy color 26.4937, 0.2756, 0.2130 looks on a white background.

Color Contrast Check

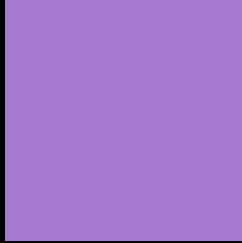
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.4937, 0.2756, 0.2130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

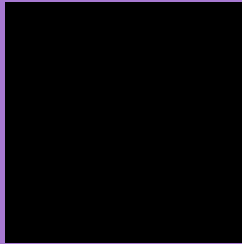
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.4937, 0.2756, 0.2130

Background



This preview shows how black text looks on a background with the Yxy color 26.4937, 0.2756, 0.2130.



This preview shows how white text looks on a background with the Yxy color 26.4937, 0.2756, 0.2130.

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

26.4937, 0.2756, 0.2130

Protanopia

26.7469, 0.2216, 0.2063

Deuteranopia

26.7414, 0.2366, 0.2314



Tritanopia

26.4402, 0.3258, 0.3134

Trichromacy



Original Color

26.4937, 0.2756, 0.2130

Protanomaly

26.2841, 0.2372, 0.2072

Deuteranomaly

26.2178, 0.2489, 0.2234

Tritanomaly

26.2660, 0.3066, 0.2725

Monochromacy



Original Color

26.4937, 0.2756, 0.2130

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

27.2078, 0.2991, 0.2805

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.4937, 0.2756, 0.2130 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(167, 121, 209)` looks like.

```
.text, #text, p{  
    color:rgb(167, 121, 209)  
}
```

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(167, 121, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 121, 209) }
```

Border

The CSS property to change the border of an element to Yxy 26.4937, 0.2756, 0.2130 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(167, 121, 209) }
```

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

```
.border{ border-color:rgb(167, 121, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 121, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 121, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 121, 209);  
box-shadow:4px 4px 4px 4px rgb(167, 121,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 26.4937, 0.2756, 0.2130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 121, 209) }
```

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

```
.background{ background-color: rgb(167,  
121, 209) }
```

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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