

Converting Colors

$Y_{xy}(26.2120, 0.2810, 0.2188)$

Have a look what the booklet for
Yxy(26.2120, 0.2810, 0.2188)
contains.

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Color

Yxy(26.3114, 0.2817, 0.2195)

Conversions

Conversions Part 1

Format	Color
Hex	A879CB
RGB	168, 121, 203
RGB Percent	66%, 47%, 80%
CMY	0.3411, 0.5255, 0.2040
CMYK	0.17, 0.40, 0.00, 0.20
HSL	274°, 44%, 64%
HSV	274°, 40%, 80%
XYZ	33.7673, 26.3114, 59.7910
YIQ	144.4010, 1.6900, 35.4660

Conversions

Conversions Part 2

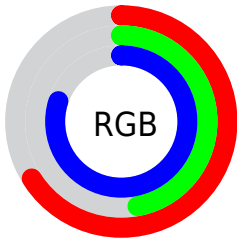
Format	Color
R _Y B	168, 121, 203
Decimal	11041227
CIE Lab	58.33, 33.73, -35.62
CIE LCh	58, 49.056, 313.439
Yxy	26.3114, 0.2817, 0.2195
Android (android.graphics.Color)	4289231307 (0xFFA879CB)
YUV	144.4010, 28.8893, 20.6963
Hunter-Lab	51.2946, 27.7411, -33.2045

Details

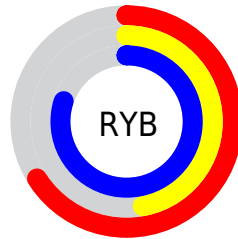
The Yxy color **26.3114, 0.2817, 0.2195** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **51.1510, 0.3331, 0.4425**, and the grayscale version is **27.9418, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.3394, 0.2922, 0.2438**, and **10.2220, 0.2693, 0.1894** is the 20% darker color. If you saturate the color by 10%, you get **20.9684, 0.2714, 0.1911**, and if you desaturate by 10%, it is **32.7577, 0.2910, 0.2483**.

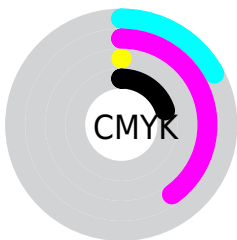
Distribution



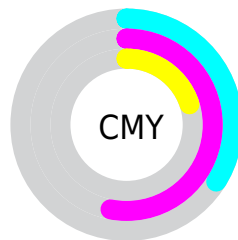
- Red (66%)
- Green (47%)
- Blue (80%)



- Red (66%)
- Yellow (47%)
- Blue (80%)



- Cyan (17%)
- Magenta (40%)
- Yellow (0%)
- Black (20%)





- Cyan (34%)
- Magenta (53%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.3114, 0.2817, 0.2195 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 26.3114, 0.2817, 0.2195 by changing the saturation by 10% instead.


 26.3114, 0.2817,
0.2195


 26.3114, 0.2817,
0.2195


284.3074, 0.2997,
0.2743

 17.0567, 0.2764,
0.2061


 53.7769, 0.2888,
0.2393

 10.2750, 0.2692,
0.1892


 72.7565, 0.2913,
0.2467

 5.5816, 0.2589,
0.1673


 95.7466, 0.2934,
0.2531

 2.5924, 0.2433,
0.1382

123.1315, 0.2951,
0.2585

 0.9228, 0.2177,
0.0992

155.2956, 0.2965,
0.2632

 0.0000, 0.1782,
0.0000

192.6234, 0.2977,

 0.0000, 0.0000,

0.2674

0.0000

235.4992, 0.2988,
0.2710

■ 26.3114, 0.2817,
0.2195

■ 26.3114, 0.2817,
0.2195

■ 20.9684, 0.2714,
0.1911

■ 32.7577, 0.2910,
0.2483

■ 16.6587, 0.2603,
0.1644

■ 40.3653, 0.2993,
0.2764

■ 13.3089, 0.2488,
0.1405

■ 49.1918, 0.3064,
0.3031

■ 10.8343, 0.2374,
0.1210

■ 59.2898, 0.3125,
0.3281

■ 9.1345, 0.2265,
0.1065

■ 70.7091, 0.3176,
0.3510

8.0532, 0.2168,
0.0968

83.4964, 0.3218,
0.3718

92.4266, 0.3262,
0.3830

93.8832, 0.3319,
0.3820

95.4118, 0.3376,
0.3811

Harmonies

Analogous

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



26.3114, 0.2168, 0.2054



26.3114, 0.2817, 0.2195



26.3114, 0.3658, 0.2552

Triad

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



26.3114, 0.2817, 0.2195



26.3114, 0.4584, 0.4243



26.3114, 0.1958, 0.3342

Complementary

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



26.3114, 0.2817, 0.2195



51.1510, 0.3331, 0.4425

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.



26.3114, 0.2501, 0.4237



26.3114, 0.2817, 0.2195



26.3114, 0.4018, 0.4713

Square

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



26.3114, 0.2817, 0.2195



26.3114, 0.4760, 0.3650



26.3114, 0.3256, 0.4783



26.3114, 0.1728, 0.2589

Rectangle

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



26.3114, 0.2817, 0.2195



26.3114, 0.4195, 0.2880



26.3114, 0.3256, 0.4783



26.3114, 0.2106, 0.3645

Sweetspot

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



26.3125, 0.2817, 0.2195



79.6150, 0.3052, 0.2985



32.3300, 0.2469, 0.2605



16.6069, 0.3043, 0.2950



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.



26.3125, 0.2817, 0.2195



36.5543, 0.2732, 0.1960



30.4240, 0.3229, 0.2361



11.1562, 0.3071, 0.3057



5.1803, 0.2181, 0.0975



0.3114, 0.2378, 0.1084

Inverse Universe

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



28.7679, 0.3700, 0.2841



41.4200, 0.3876, 0.2753



48.2894, 0.3036, 0.4438



11.2918, 0.3224, 0.3192



8.5309, 0.5250, 0.2666



0.4552, 0.4754, 0.2393

Previews

White Background



This preview shows how the Yxy color 26.3114, 0.2817, 0.2195 looks on a white background.

Color Contrast Check

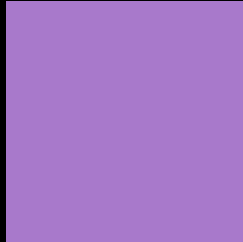
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.3114, 0.2817, 0.2195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

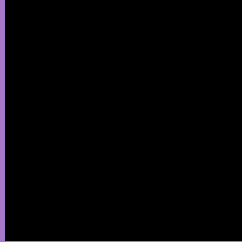
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.3114, 0.2817, 0.2195

Background



This preview shows how black text looks on a background with the Yxy color 26.3114, 0.2817, 0.2195.



This preview shows how white text looks on a background with the Yxy color 26.3114, 0.2817, 0.2195.

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

26.3114, 0.2817, 0.2195

Protanopia

26.6315, 0.2278, 0.2144

Deuteranopia

26.5107, 0.2438, 0.2380



Tritanopia

26.3329, 0.3293, 0.3135

Trichromacy



Original Color

26.3114, 0.2817, 0.2195

Protanomaly

26.1615, 0.2439, 0.2152

Deuteranomaly

25.9910, 0.2563, 0.2298

Tritanomaly

26.0985, 0.3119, 0.2755

Monochromacy



Original Color

26.3114, 0.2817, 0.2195

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

27.0972, 0.3020, 0.2848

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.3114, 0.2817, 0.2195 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(168, 121, 203)` looks like.

```
.text, #text, p{  
    color:rgb(168, 121, 203)  
}
```

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(168, 121, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 121, 203) }
```

Border

The CSS property to change the border of an element to Yxy 26.3114, 0.2817, 0.2195 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(168, 121, 203) }
```

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

```
.border{ border-color:rgb(168, 121, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 121, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 121, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 121, 203);  
box-shadow:4px 4px 4px 4px rgb(168, 121,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 26.3114, 0.2817, 0.2195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 121, 203) }
```

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

```
.background{ background-color: rgb(168,  
121, 203) }
```

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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