

Converting Colors

$Y_{xy}(26.2551, 0.2886, 0.2287)$

Have a look what the booklet for
Yxy(26.2551, 0.2886, 0.2287)
contains.

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Color

Yxy(26.2294, 0.2880, 0.2284)

Conversions

Conversions Part 1

Format	Color
Hex	A87AC4
RGB	168, 122, 196
RGB Percent	66%, 48%, 77%
CMY	0.3411, 0.5216, 0.2314
CMYK	0.14, 0.38, 0.00, 0.23
HSL	277°, 39%, 62%
HSV	277°, 38%, 77%
XYZ	33.0738, 26.2294, 55.5365
YIQ	144.1900, 3.6620, 32.7660

Conversions

Conversions Part 2

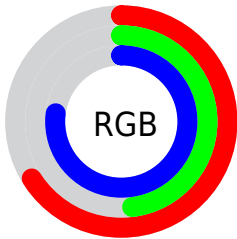
Format	Color
R _Y B	168, 122, 196
Decimal	11041476
CIE Lab	58.25, 31.62, -31.77
CIE LCh	58, 44.828, 314.864
Yxy	26.2294, 0.2880, 0.2284
Android (android.graphics.Color)	4289231556 (0xFFA87AC4)
YUV	144.1900, 25.5423, 20.8814
Hunter-Lab	51.2146, 25.6477, -28.4431

Details

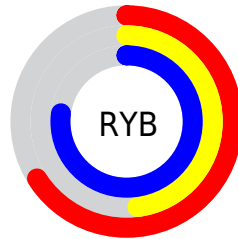
The Yxy color $26.2294, 0.2880, 0.2284$ is a light color, and the websafe version is hex 996699 . A complement of this color would be $47.3599, 0.3291, 0.4351$, and the grayscale version is $27.8654, 0.3127, 0.3290$.

A 20% lighter version of the original color is $53.5991, 0.2936, 0.2466$, and $10.2326, 0.2781, 0.1994$ is the 20% darker color. If you saturate the color by 10%, you get $21.1032, 0.2792, 0.2006$, and if you desaturate by 10%, it is $32.3746, 0.2959, 0.2565$.

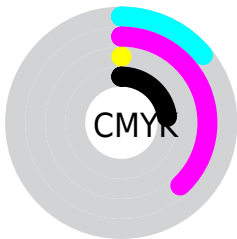
Distribution



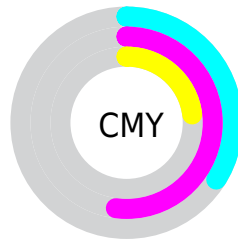
- Red (66%)
- Green (48%)
- Blue (77%)



- Red (66%)
- Yellow (48%)
- Blue (77%)



- Cyan (14%)
- Magenta (38%)
- Yellow (0%)
- Black (23%)



- Cyan (34%)
- Magenta (52%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.2294, 0.2880, 0.2284 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 26.2294, 0.2880, 0.2284 by changing the saturation by 10% instead.


 26.2294, 0.2880,
0.2284


 26.2294, 0.2880,
0.2284

283.9064, 0.3025,
0.2792


 16.9953, 0.2837,
0.2158


 53.6448, 0.2938,
0.2469

 10.2312, 0.2776,
0.1997


 72.5949, 0.2958,
0.2538

 5.5525, 0.2689,
0.1786


 95.5525, 0.2975,
0.2597

 2.5749, 0.2554,
0.1501

122.9020, 0.2989,
0.2647

 0.9141, 0.2325,
0.1107

155.0277, 0.3000,
0.2691

 0.0000, 0.1946,
0.0000

192.3141, 0.3010,

 0.0000, 0.0000,

0.2729

0.0000

235.1455, 0.3018,
0.2762

■ 26.2294, 0.2880,
0.2284

■ 26.2294, 0.2880,
0.2284

■ 21.1032, 0.2792,
0.2006

■ 32.3746, 0.2959,
0.2565

■ 16.9333, 0.2696,
0.1741

■ 39.5900, 0.3028,
0.2839

■ 13.6549, 0.2595,
0.1503

■ 47.9273, 0.3088,
0.3100

■ 11.1936, 0.2492,
0.1304

■ 57.4338, 0.3138,
0.3343

■ 9.4624, 0.2393,
0.1152

■ 68.1541, 0.3179,
0.3567

■ 8.3342, 0.2298,
0.1049

■ 80.1302, 0.3214,
0.3771

■ 8.1162, 0.2278,
0.1028

■ 90.7011, 0.3246,
0.3915

■ 91.8818, 0.3294,
0.3906

■ 93.1144, 0.3343,
0.3896

Harmonies

Analogous

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



26.2294, 0.2264, 0.2143



26.2294, 0.2880, 0.2284



26.2294, 0.3653, 0.2627

Triad

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



26.2294, 0.2880, 0.2284



26.2294, 0.4458, 0.4211



26.2294, 0.2032, 0.3307

Complementary

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



26.2294, 0.2880, 0.2284



47.3599, 0.3291, 0.4351

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.



26.2294, 0.2528, 0.4113



26.2294, 0.2880, 0.2284



26.2294, 0.3930, 0.4615

Square

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



26.2294, 0.2880, 0.2284



26.2294, 0.4629, 0.3666



26.2294, 0.3223, 0.4633



26.2294, 0.1825, 0.2627

Rectangle

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



26.2294, 0.2880, 0.2284



26.2294, 0.4135, 0.2940



26.2294, 0.3223, 0.4633



26.2294, 0.2167, 0.3579

Sweetspot

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



26.2305, 0.2880, 0.2284



81.4352, 0.3068, 0.3012



30.0500, 0.2507, 0.2602



16.9799, 0.3060, 0.2977



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.



26.2305, 0.2880, 0.2284



39.9913, 0.2810, 0.2062



29.2555, 0.3260, 0.2463



10.0512, 0.3079, 0.3059



5.2663, 0.2290, 0.1035



0.2660, 0.2497, 0.1149

Inverse Universe

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



27.8532, 0.3691, 0.2919



43.5341, 0.3868, 0.2841



45.2404, 0.3018, 0.4289



10.1395, 0.3231, 0.3203



7.8747, 0.5441, 0.2771



0.3537, 0.4833, 0.2436

Previews

White Background



This preview shows how the Yxy color 26.2294, 0.2880, 0.2284 looks on a white background.

Color Contrast Check

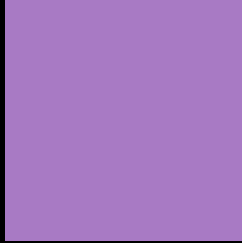
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.2294, 0.2880, 0.2284 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

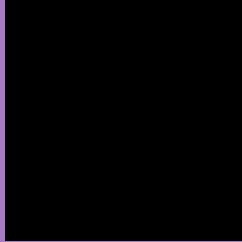
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.2294, 0.2880, 0.2284

Background



This preview shows how black text looks on a background with the Yxy color 26.2294, 0.2880, 0.2284.



This preview shows how white text looks on a background with the Yxy color 26.2294, 0.2880, 0.2284.

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

26.2294, 0.2880, 0.2284

Protanopia

26.4934, 0.2351, 0.2240

Deuteranopia

26.3123, 0.2515, 0.2449



Tritanopia

26.2318, 0.3328, 0.3136

Trichromacy



Original Color

26.2294, 0.2880, 0.2284

Protanomaly

26.0131, 0.2517, 0.2247

Deuteranomaly

25.9730, 0.2635, 0.2376

Tritanomaly

26.0957, 0.3161, 0.2799

Monochromacy



Original Color

26.2294, 0.2880, 0.2284

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

27.0250, 0.3039, 0.2877

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.2294, 0.2880, 0.2284 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, 122, 196)` looks like.

```
.text, #text, p{  
    color:rgb(168, 122, 196)  
}
```

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, 122, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 122, 196) }
```

Border

The CSS property to change the border of an element to Yxy 26.2294, 0.2880, 0.2284 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, 122, 196) }
```

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

```
.border{ border-color:rgb(168, 122, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 122, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 122, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 122, 196);  
box-shadow:4px 4px 4px 4px rgb(168, 122,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 26.2294, 0.2880, 0.2284 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 122, 196) }
```

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

```
.background{ background-color: rgb(168,  
122, 196) }
```

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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