

Converting Colors

$Y_{xy}(25.9128, 0.2813, 0.2069)$

Have a look what the booklet for
Yxy(25.9128, 0.2813, 0.2069)
contains.

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Color

Yxy(25.9133, 0.2812, 0.2069)

Conversions

Conversions Part 1

Format	Color
Hex	AE73D2
RGB	174, 115, 210
RGB Percent	68%, 45%, 82%
CMY	0.3176, 0.5490, 0.1765
CMYK	0.17, 0.45, 0.00, 0.18
HSL	277°, 51%, 64%
HSV	277°, 45%, 82%
XYZ	35.2190, 25.9133, 64.1132
YIQ	143.4710, 4.6690, 42.0530

Conversions

Conversions Part 2

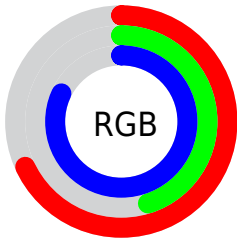
Format	Color
RYB	174, 115, 210
Decimal	11432914
CIELab	57.95, 40.36, -40.12
CIELCh	58, 56.910, 315.166
Yxy	25.9133, 0.2812, 0.2069
Android (android.graphics.Color)	4289622994 (0xFFAE73D2)
YUV	143.4710, 32.7988, 26.7739
Hunter-Lab	50.9051, 34.4125, -39.0401

Details

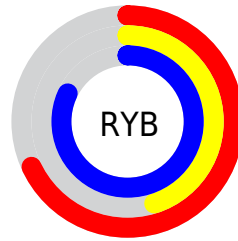
The Yxy color **25.9133, 0.2812, 0.2069** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **53.9059, 0.3314, 0.4592**, and the grayscale version is **27.5320, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.2142, 0.2975, 0.2390**, and **10.0691, 0.2675, 0.1747** is the 20% darker color. If you saturate the color by 10%, you get **20.7713, 0.2717, 0.1799**, and if you desaturate by 10%, it is **32.2022, 0.2899, 0.2350**.

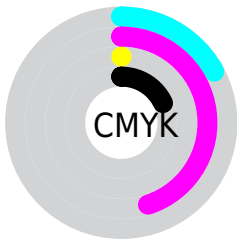
Distribution



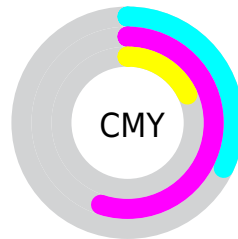
- Red (68%)
- Green (45%)
- Blue (82%)



- Red (68%)
- Yellow (45%)
- Blue (82%)



- Cyan (17%)
- Magenta (45%)
- Yellow (0%)
- Black (18%)





- Cyan (32%)
- Magenta (55%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.9133, 0.2812, 0.2069 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 25.9133, 0.2812, 0.2069 by changing the saturation by 10% instead.

 25.9133, 0.2812,
0.2069


 25.9133, 0.2812,
0.2069


282.3562, 0.2999,
0.2671


 16.7588, 0.2757,
0.1925


 53.1350, 0.2886,
0.2284

 10.0627, 0.2681,
0.1746


 71.9711, 0.2912,
0.2366

 5.4405, 0.2573,
0.1517


 94.8031, 0.2934,
0.2435

 2.5080, 0.2411,
0.1222

122.0154, 0.2951,
0.2496

 0.8806, 0.2149,
0.0840

153.9925, 0.2966,
0.2548

 0.0000, 0.1762,
0.0000

191.1187, 0.2979,

 0.0000, 0.0000,

0.2594

0.0000

233.7785, 0.2989,
0.2635

■ 25.9133, 0.2812,
0.2069

■ 25.9133, 0.2812,
0.2069

■ 20.7713, 0.2717,
0.1799

■ 32.2022, 0.2899,
0.2350

■ 16.6972, 0.2616,
0.1553

■ 39.7038, 0.2976,
0.2632

■ 13.6065, 0.2513,
0.1343


■ 48.4825, 0.3044,
0.2904


■ 11.4001, 0.2412,
0.1180

■ 58.5971, 0.3101,
0.3162

■ 9.9571, 0.2316,
0.1067

■ 70.1026, 0.3149,
0.3402

 9.4333, 0.2272,
0.1025

 83.0512, 0.3189,
0.3622

 92.9454, 0.3228,
0.3754

 94.2895, 0.3280,
0.3747

 95.6945, 0.3332,
0.3740

Harmonies

Analogous

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



25.9133, 0.2065, 0.1894



25.9133, 0.2812, 0.2069



25.9133, 0.3794, 0.2476

Triad

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



25.9133, 0.2812, 0.2069



25.9133, 0.4752, 0.4373



25.9133, 0.1764, 0.3273

Complementary

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



25.9133, 0.2812, 0.2069



53.9059, 0.3314, 0.4592

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.



25.9133, 0.2346, 0.4357



25.9133, 0.2812, 0.2069



25.9133, 0.4068, 0.4940

Square

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



25.9133, 0.2812, 0.2069



25.9133, 0.5016, 0.3698



25.9133, 0.3192, 0.5041



25.9133, 0.1541, 0.2428

Rectangle

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



25.9133, 0.2812, 0.2069



25.9133, 0.4417, 0.2844



25.9133, 0.3192, 0.5041



25.9133, 0.1918, 0.3631

Sweetspot

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



25.9144, 0.2812, 0.2069



76.8242, 0.3050, 0.2933



30.5652, 0.2374, 0.2432



15.7598, 0.3037, 0.2875



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.



25.9144, 0.2812, 0.2069



32.6856, 0.2723, 0.1815



30.0822, 0.3293, 0.2303



11.7760, 0.3078, 0.3057



5.8138, 0.2285, 0.1032



0.3698, 0.2455, 0.1126

Inverse Universe

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



28.1968, 0.3861, 0.2843



36.9348, 0.4099, 0.2761



51.2433, 0.2999, 0.4535



11.8813, 0.3232, 0.3202



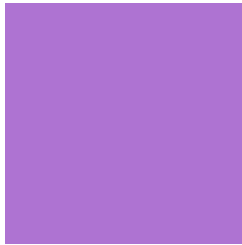
8.7252, 0.5447, 0.2774



0.5031, 0.4948, 0.2499

Previews

White Background



This preview shows how the Yxy color 25.9133, 0.2812, 0.2069 looks on a white background.

Color Contrast Check

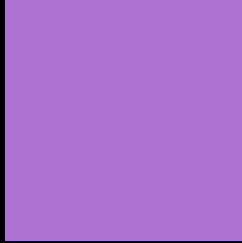
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.9133, 0.2812, 0.2069 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

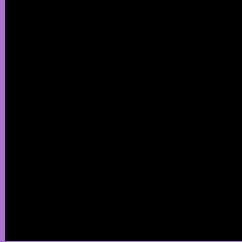
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.9133, 0.2812, 0.2069

Background



This preview shows how black text looks on a background with the Yxy color 25.9133, 0.2812, 0.2069.



This preview shows how white text looks on a background with the Yxy color 25.9133, 0.2812, 0.2069.

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

25.9133, 0.2812, 0.2069

Protanopia

26.3732, 0.2154, 0.1988

Deuteranopia

26.2525, 0.2342, 0.2293



Tritanopia

25.9422, 0.3389, 0.3137

Trichromacy



Original Color

25.9133, 0.2812, 0.2069



Protanomaly

25.5636, 0.2339, 0.1998



Deuteranomaly

25.5386, 0.2484, 0.2182



Tritanomaly

25.6359, 0.3167, 0.2692

Monochromacy



Original Color

25.9133, 0.2812, 0.2069



Achromatopsia

27.4677, 0.3127, 0.3290



Achromatomaly

26.4351, 0.3011, 0.2775

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.9133, 0.2812, 0.2069 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(174, 115, 210)` looks like.

```
.text, #text, p{  
    color:rgb(174, 115, 210)  
}
```

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(174, 115, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 115, 210) }
```

Border

The CSS property to change the border of an element to Yxy 25.9133, 0.2812, 0.2069 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(174, 115, 210) }
```

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

```
.border{ border-color:rgb(174, 115, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 115, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 115, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 115, 210);  
box-shadow:4px 4px 4px 4px rgb(174, 115,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 25.9133, 0.2812, 0.2069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 115, 210) }
```

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

```
.background{ background-color: rgb(174,  
115, 210) }
```

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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