

Converting Colors

$Y_{xy}(26.3675, 0.3137, 0.2368)$

Have a look what the booklet for
Yxy(26.3675, 0.3137, 0.2368)
contains.

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Color

Yxy(26.5008, 0.3137, 0.2369)

Conversions

Conversions Part 1

Format	Color
Hex	B875BB
RGB	184, 117, 187
RGB Percent	72%, 46%, 73%
CMY	0.2785, 0.5411, 0.2667
CMYK	0.02, 0.37, 0.00, 0.27
HSL	297°, 34%, 60%
HSV	297°, 37%, 73%
XYZ	35.0920, 26.5008, 50.2721
YIQ	145.0130, 17.4620, 35.9740

Conversions

Conversions Part 2

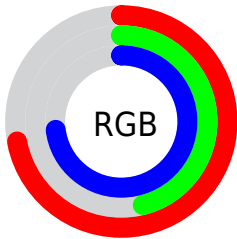
Format	Color
RYB	184, 117, 187
Decimal	12088763
CIELab	58.51, 37.53, -26.12
CIElCh	59, 45.726, 325.172
Yxy	26.5008, 0.3137, 0.2369
Android (android.graphics.Color)	4290278843 (0xFFB875BB)
YUV	145.0130, 20.6996, 34.1916
Hunter-Lab	51.4789, 31.5913, -21.8648

Details

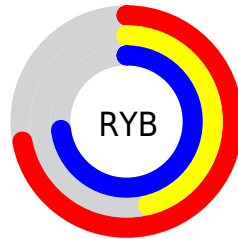
The Yxy color **26.5008, 0.3137, 0.2369** is a light color, and the websafe version is hex **996699**. A complement of this color would be **40.8160, 0.3098, 0.4401**, and the grayscale version is **28.2309, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.9213, 0.3146, 0.2538**, and **10.4814, 0.3118, 0.2107** is the 20% darker color. If you saturate the color by 10%, you get **22.4711, 0.3136, 0.2140**, and if you desaturate by 10%, it is **31.4038, 0.3136, 0.2613**.

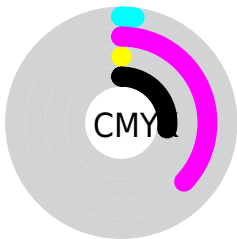
Distribution



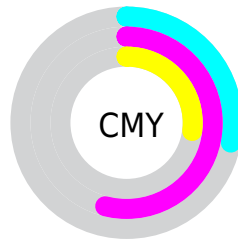
- Red (72%)
- Green (46%)
- Blue (73%)



- Red (72%)
- Yellow (46%)
- Blue (73%)



- Cyan (2%)
- Magenta (37%)
- Yellow (0%)
- Black (27%)





- Cyan (28%)
- Magenta (54%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.5008, 0.3137, 0.2369 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 26.5008, 0.3137, 0.2369 by changing the saturation by 10% instead.


 26.5008, 0.3137,
0.2369

 26.5008, 0.3137,
0.2369


285.2319, 0.3145,
0.2835


 17.1987, 0.3130,
0.2252


 54.0818, 0.3143,
0.2539

 10.3762, 0.3118,
0.2103


 73.1294, 0.3145,
0.2602

 5.6491, 0.3097,
0.1906


 96.1943, 0.3146,
0.2656

 2.6329, 0.3055,
0.1636

123.6609, 0.3146,
0.2702

 0.9432, 0.2966,
0.1253

155.9135, 0.3146,
0.2742

 0.0000, 0.2945,
0.0000

193.3367, 0.3146,

 0.0000, 0.0000,

0.2777

0.0000

236.3146, 0.3146,
0.2808

■ 26.5008, 0.3137,
0.2369

■ 26.5008, 0.3137,
0.2369

■ 22.4711, 0.3136,
0.2140

■ 31.4038, 0.3136,
0.2613

■ 19.2590, 0.3134,
0.1935

■ 37.2242, 0.3134,
0.2863

■ 16.8080, 0.3129,
0.1764


■ 44.0077, 0.3130,
0.3111

■ 15.0530, 0.3122,
0.1632


■ 51.7956, 0.3126,
0.3351


■ 13.9180, 0.3114,
0.1543

■ 60.6270, 0.3121,
0.3578

 13.2925, 0.3104,
0.1493

 70.5387, 0.3116,
0.3791

 13.1629, 0.3102,
0.1482

 81.5659, 0.3111,
0.3986

 86.1084, 0.3112,
0.4056

 86.2128, 0.3117,
0.4054

Harmonies

Analogous

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



26.5008, 0.2438, 0.2150



26.5008, 0.3137, 0.2369



26.5008, 0.3926, 0.2774

Triad

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



26.5008, 0.3137, 0.2369



26.5008, 0.4325, 0.4390



26.5008, 0.1910, 0.3039

Complementary

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



26.5008, 0.3137, 0.2369



40.8160, 0.3098, 0.4401

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.



26.5008, 0.2315, 0.3854



26.5008, 0.3137, 0.2369



26.5008, 0.3705, 0.4701

Square

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



26.5008, 0.3137, 0.2369



26.5008, 0.4644, 0.3864



26.5008, 0.2969, 0.4535



26.5008, 0.1804, 0.2447

Rectangle

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



26.5008, 0.3137, 0.2369



26.5008, 0.4356, 0.3115



26.5008, 0.2969, 0.4535



26.5008, 0.2012, 0.3298

Sweetspot

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



26.5020, 0.3137, 0.2369



74.0528, 0.3132, 0.3019



20.9290, 0.2460, 0.2230



15.9408, 0.3132, 0.2985



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



26.5020, 0.3137, 0.2369



41.3659, 0.3136, 0.2177



25.6743, 0.3530, 0.2762



9.6748, 0.3131, 0.3063



9.0790, 0.3103, 0.1483



0.3622, 0.3130, 0.1498

Inverse Universe

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



24.6478, 0.3988, 0.3250



37.5948, 0.4287, 0.3242



41.4731, 0.2861, 0.3891



9.5429, 0.3282, 0.3281



7.2942, 0.6346, 0.3270



0.2880, 0.6142, 0.3157

Previews

White Background



This preview shows how the Yxy color 26.5008, 0.3137, 0.2369 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 26.5008, 0.3137, 0.2369 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

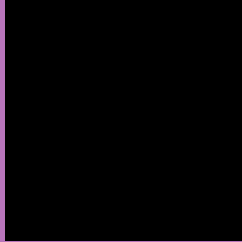
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.5008, 0.3137, 0.2369

Background



This preview shows how black text looks on a background with the Yxy color 26.5008, 0.3137, 0.2369.



This preview shows how white text looks on a background with the Yxy color 26.5008, 0.3137, 0.2369.

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

26.5008, 0.3137, 0.2369

Protanopia

26.8179, 0.2413, 0.2321

Deuteranopia

26.7897, 0.2660, 0.2611



Tritanopia

26.3320, 0.3611, 0.3145

Trichromacy



Original Color

26.5008, 0.3137, 0.2369

Protanomaly

26.1495, 0.2630, 0.2320

Deuteranomaly

26.2726, 0.2821, 0.2510

Tritanomaly

26.2358, 0.3442, 0.2838

Monochromacy



Original Color

26.5008, 0.3137, 0.2369

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

27.2369, 0.3134, 0.2913

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.5008, 0.3137, 0.2369 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(184, 117, 187)` looks like.

```
.text, #text, p{  
    color:rgb(184, 117, 187)  
}
```

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(184, 117, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 117, 187) }
```

Border

The CSS property to change the border of an element to Yxy 26.5008, 0.3137, 0.2369 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(184, 117, 187) }
```

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

```
.border{ border-color:rgb(184, 117, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 117, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 117, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 117, 187);  
box-shadow:4px 4px 4px 4px rgb(184, 117,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 26.5008, 0.3137, 0.2369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 117, 187) }
```

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

```
.background{ background-color: rgb(184,  
117, 187) }
```

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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