

Converting Colors

$Y_{xy}(26.0159, 0.3229, 0.2861)$

Have a look what the booklet for
Yxy(26.0159, 0.3229, 0.2861)
contains.

Yxy(26.1342, 0.3237, 0.2873)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(26.1342, 0.3237, 0.2873)

Conversions

Conversions Part 1

Format	Color
Hex	A5819D
RGB	165, 129, 157
RGB Percent	65%, 51%, 62%
CMY	0.3531, 0.4940, 0.3844
CMYK	0.00, 0.22, 0.05, 0.35
HSL	313°, 17%, 58%
HSV	313°, 22%, 65%
XYZ	29.4453, 26.1342, 35.3853
YIQ	142.9560, 12.4680, 16.3400

Conversions

Conversions Part 2

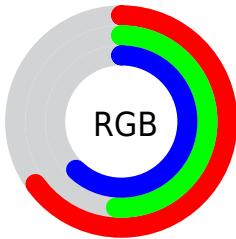
Format	Color
R _Y B	165, 129, 157
Decimal	10846621
CIE Lab	58.16, 18.65, -9.64
CIE LCh	58, 20.990, 332.675
Yxy	26.1342, 0.3237, 0.2873
Android (android.graphics.Color)	4289036701 (0xFFA5819D)
YUV	142.9560, 6.9237, 19.3326
Hunter-Lab	51.1216, 13.3506, -5.2542

Details

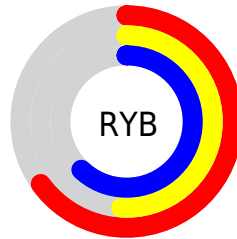
The Yxy color $26.1342, 0.3237, 0.2873$ is a light color, and the websafe version is hex 996699 . A complement of this color would be $33.3692, 0.3033, 0.3746$, and the grayscale version is $27.4172, 0.3127, 0.3290$.

A 20% lighter version of the original color is $53.4250, 0.3210, 0.2950$, and $10.1433, 0.3273, 0.2719$ is the 20% darker color. If you saturate the color by 10%, you get $22.0107, 0.3300, 0.2676$, and if you desaturate by 10%, it is $30.9653, 0.3182, 0.3068$.

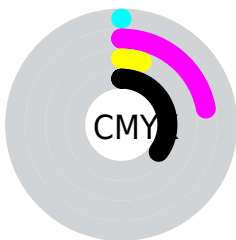
Distribution



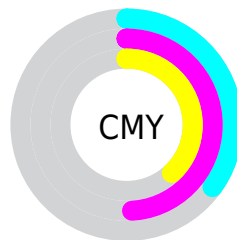
- Red (65%)
- Green (51%)
- Blue (62%)



- Red (65%)
- Yellow (51%)
- Blue (62%)



- Cyan (0%)
- Magenta (22%)
- Yellow (5%)
- Black (35%)





- Cyan (35%)
- Magenta (49%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.1342, 0.3237, 0.2873 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 26.1342, 0.3237, 0.2873 by changing the saturation by 10% instead.


 26.1342, 0.3237,
0.2873


 26.1342, 0.3237,
0.2873


283.4402, 0.3180,
0.3095


 16.9241, 0.3252,
0.2813


 53.4914, 0.3216,
0.2957

 10.1804, 0.3271,
0.2733


 72.4072, 0.3208,
0.2987

 5.5187, 0.3298,
0.2621


 95.3270, 0.3201,
0.3013

 2.5547, 0.3336,
0.2454

122.6353, 0.3196,
0.3034

 0.9039, 0.3394,
0.2179

154.7163, 0.3191,
0.3052

 0.0000, 0.3668,
0.0000

191.9546, 0.3187,

 0.0000, 0.0000,

0.3068

0.0000

234.7344, 0.3183,
0.3082

■ 26.1342, 0.3237,
0.2873

■ 26.1342, 0.3237,
0.2873

■ 22.0107, 0.3300,
0.2676

■ 30.9653, 0.3182,
0.3068

■ 18.5578, 0.3370,
0.2484

■ 36.5319, 0.3135,
0.3257

■ 15.7402, 0.3447,
0.2306

■ 42.8647, 0.3094,
0.3437

■ 13.5180, 0.3530,
0.2150

■ 49.9915, 0.3060,
0.3605

■ 11.8469, 0.3616,
0.2026

■ 57.9389, 0.3031,
0.3761

■ 10.6762, 0.3703,
0.1943

■ 66.7320, 0.3007,
0.3905

■ 9.9460, 0.3789,
0.1905

■ 76.3949, 0.2986,
0.4037

■ 9.5631, 0.3857,
0.1899

■ 83.0703, 0.2968,
0.4099

■ 83.2282, 0.2949,
0.4054

Harmonies

Analogous

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



26.1342, 0.2883, 0.2732



26.1342, 0.3237, 0.2873



26.1342, 0.3578, 0.3111

Triad

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



26.1342, 0.3237, 0.2873



26.1342, 0.3653, 0.3879



26.1342, 0.2500, 0.3119

Complementary

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



26.1342, 0.3237, 0.2873



33.3692, 0.3033, 0.3746

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.



26.1342, 0.2684, 0.3461



26.1342, 0.3237, 0.2873



26.1342, 0.3345, 0.3922

Square

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



26.1342, 0.3237, 0.2873



26.1342, 0.3823, 0.3680



26.1342, 0.2990, 0.3767



26.1342, 0.2474, 0.2853

Rectangle

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



26.1342, 0.3237, 0.2873



26.1342, 0.3744, 0.3302



26.1342, 0.2990, 0.3767



26.1342, 0.2544, 0.3229

Sweetspot

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



26.1354, 0.3237, 0.2873



59.9649, 0.3159, 0.3157



23.7241, 0.2849, 0.2712



12.9913, 0.3162, 0.3147



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



26.1354, 0.3237, 0.2873



43.2109, 0.3265, 0.2780



25.5715, 0.3437, 0.3135



7.1752, 0.3170, 0.3117



7.2466, 0.3850, 0.1894



0.1586, 0.3578, 0.1745

Inverse Universe

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



26.1354, 0.3237, 0.2873



43.2109, 0.3265, 0.2780



33.9223, 0.2890, 0.3451



7.1752, 0.3170, 0.3117



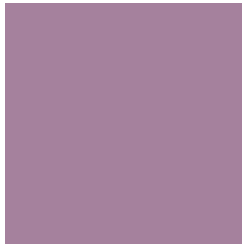
7.2466, 0.3850, 0.1894



0.1586, 0.3578, 0.1745

Previews

White Background



This preview shows how the Yxy color 26.1342, 0.3237, 0.2873 looks on a white background.

Color Contrast Check

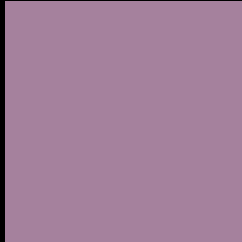
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.1342, 0.3237, 0.2873 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

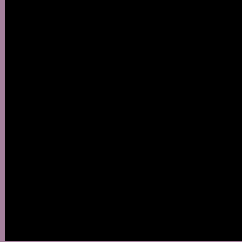
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.1342, 0.3237, 0.2873

Background



This preview shows how black text looks on a background with the Yxy color 26.1342, 0.3237, 0.2873.



This preview shows how white text looks on a background with the Yxy color 26.1342, 0.3237, 0.2873.

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

26.1342, 0.3237, 0.2873

Protanopia

26.2605, 0.2856, 0.2903

Deuteranopia

26.1196, 0.3034, 0.2973



Tritanopia

26.2421, 0.3376, 0.3137

Trichromacy



Original Color

26.1342, 0.3237, 0.2873

Protanomaly

26.0121, 0.2985, 0.2881

Deuteranomaly

25.9477, 0.3111, 0.2933

Tritanomaly

26.2317, 0.3333, 0.3047

Monochromacy



Original Color

26.1342, 0.3237, 0.2873

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

26.8944, 0.3167, 0.3132

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.1342, 0.3237, 0.2873 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(165, 129, 157)` looks like.

```
.text, #text, p{  
    color:rgb(165, 129, 157)  
}
```

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(165, 129, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 129, 157) }
```

Border

The CSS property to change the border of an element to Yxy 26.1342, 0.3237, 0.2873 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(165, 129, 157) }
```

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

```
.border{ border-color:rgb(165, 129, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 129, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 129, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 129, 157);  
box-shadow:4px 4px 4px 4px rgb(165, 129,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 26.1342, 0.3237, 0.2873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 129, 157) }
```

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

```
.background{ background-color: rgb(165,  
129, 157) }
```

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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