

Converting Colors

$Y_{xy}(26.1996, 0.2941, 0.2624)$

Have a look what the booklet for
Yxy(26.1996, 0.2941, 0.2624)
contains.

Yxy(26.2963, 0.2944, 0.2636)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(26.2963, 0.2944, 0.2636)

Conversions

Conversions Part 1

Format	Color
Hex	9B83AF
RGB	155, 131, 175
RGB Percent	61%, 51%, 69%
CMY	0.3923, 0.4862, 0.3137
CMYK	0.11, 0.25, 0.00, 0.31
HSL	273°, 22%, 60%
HSV	273°, 25%, 69%
XYZ	29.3689, 26.2963, 44.0932
YIQ	143.1920, 0.1800, 18.7720

Conversions

Conversions Part 2

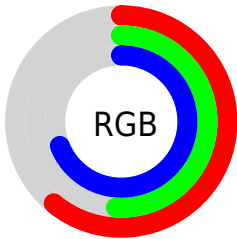
Format	Color
RYB	155, 131, 175
Decimal	10191791
CIELab	58.32, 17.70, -19.83
CIELCh	58, 26.581, 311.737
Yxy	26.2963, 0.2944, 0.2636
Android (android.graphics.Color)	4288381871 (0xFF9B83AF)
YUV	143.1920, 15.6813, 10.3556
Hunter-Lab	51.2799, 12.4900, -15.0847

Details

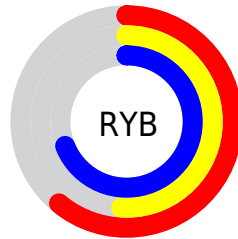
The Yxy color **26.2963, 0.2944, 0.2636** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **38.8899, 0.3273, 0.3953**, and the grayscale version is **27.4848, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.7521, 0.2985, 0.2759**, and **10.1736, 0.2871, 0.2424** is the 20% darker color. If you saturate the color by 10%, you get **21.2233, 0.2851, 0.2351**, and if you desaturate by 10%, it is **32.2177, 0.3025, 0.2909**.

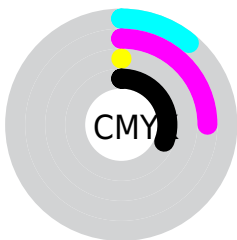
Distribution



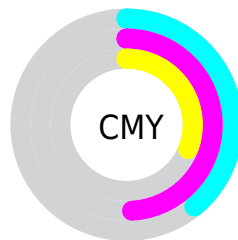
- Red (61%)
- Green (51%)
- Blue (69%)



- Red (61%)
- Yellow (51%)
- Blue (69%)



- Cyan (11%)
- Magenta (25%)
- Yellow (0%)
- Black (31%)





- Cyan (39%)
- Magenta (49%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.2963, 0.2944, 0.2636 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 26.2963, 0.2944, 0.2636 by changing the saturation by 10% instead.


 26.2963, 0.2944,
0.2636

 26.2963, 0.2944,
0.2636


284.2336, 0.3048,
0.2978


 17.0454, 0.2913,
0.2546


 53.7526, 0.2985,
0.2764

 10.2669, 0.2870,
0.2427


 72.7268, 0.3000,
0.2811

 5.5763, 0.2808,
0.2265


 95.7108, 0.3012,
0.2850

 2.5892, 0.2708,
0.2030

123.0892, 0.3022,
0.2884

 0.9212, 0.2530,
0.1667

155.2463, 0.3030,
0.2912

 0.0000, 0.1751,
0.0000

192.5664, 0.3037,

 0.0000, 0.0000,

0.2937

0.0000

235.4341, 0.3043,
0.2959

■ 26.2963, 0.2944,
0.2636

■ 26.2963, 0.2944,
0.2636

■ 21.2233, 0.2851,
0.2351

■ 32.2177, 0.3025,
0.2909

■ 16.9546, 0.2747,
0.2063

■ 39.0222, 0.3095,
0.3166

■ 13.4468, 0.2634,
0.1783

■ 46.7466, 0.3155,
0.3402

■ 10.6511, 0.2515,
0.1523

■ 55.4247, 0.3204,
0.3618

■ 8.5130, 0.2394,
0.1298

■ 65.0883, 0.3246,
0.3813

6.9693, 0.2277,
0.1118

75.7679, 0.3280,
0.3988

5.9426, 0.2167,
0.0991

87.4927, 0.3308,
0.4145

5.5447, 0.2116,
0.0940

89.6366, 0.3358,
0.4144

90.9009, 0.3411,
0.4129

Harmonies

Analogous

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



26.2963, 0.2566, 0.2567



26.2963, 0.2944, 0.2636



26.2963, 0.3401, 0.2850

Triad

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



26.2963, 0.2944, 0.2636



26.2963, 0.3963, 0.3860



26.2963, 0.2482, 0.3367

Complementary

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



26.2963, 0.2944, 0.2636



38.8899, 0.3273, 0.3953

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.



26.2963, 0.2822, 0.3798



26.2963, 0.2944, 0.2636



26.2963, 0.3680, 0.4075

Square

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



26.2963, 0.2944, 0.2636



26.2963, 0.4014, 0.3527



26.2963, 0.3260, 0.4067



26.2963, 0.2315, 0.2950

Rectangle

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



26.2963, 0.2944, 0.2636



26.2963, 0.3685, 0.3053



26.2963, 0.3260, 0.4067



26.2963, 0.2579, 0.3518

Sweetspot

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



26.2974, 0.2944, 0.2636



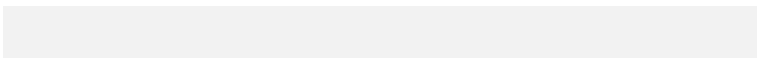
66.0537, 0.3076, 0.3091



30.2318, 0.2733, 0.2924



14.2719, 0.3065, 0.3053



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



26.2974, 0.2944, 0.2636



42.0207, 0.2895, 0.2484



28.3900, 0.3171, 0.2696



7.9640, 0.3068, 0.3062



4.0069, 0.2128, 0.0946



0.1435, 0.2453, 0.1125

Inverse Universe

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



27.5877, 0.3414, 0.3000



44.7849, 0.3494, 0.2935



37.1716, 0.3083, 0.3966



8.0737, 0.3218, 0.3187



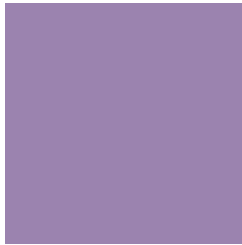
6.9506, 0.5111, 0.2589



0.2045, 0.4393, 0.2194

Previews

White Background



This preview shows how the Yxy color 26.2963, 0.2944, 0.2636 looks on a white background.

Color Contrast Check

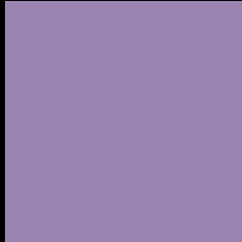
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.2963, 0.2944, 0.2636 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

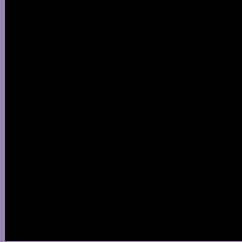
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.2963, 0.2944, 0.2636

Background



This preview shows how black text looks on a background with the Yxy color 26.2963, 0.2944, 0.2636.



This preview shows how white text looks on a background with the Yxy color 26.2963, 0.2944, 0.2636.

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

26.2963, 0.2944, 0.2636

Protanopia

26.4686, 0.2649, 0.2633

Deuteranopia

26.2657, 0.2777, 0.2712



Tritanopia

26.1989, 0.3169, 0.3115

Trichromacy



Original Color

26.2963, 0.2944, 0.2636

Protanomaly

26.2663, 0.2743, 0.2628

Deuteranomaly

26.3132, 0.2844, 0.2691

Tritanomaly

26.1599, 0.3089, 0.2932

Monochromacy



Original Color

26.2963, 0.2944, 0.2636

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

27.0348, 0.3054, 0.3037

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.2963, 0.2944, 0.2636 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(155, 131, 175)` looks like.

```
.text, #text, p{  
    color:rgb(155, 131, 175)  
}
```

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(155, 131, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 131, 175) }
```

Border

The CSS property to change the border of an element to Yxy 26.2963, 0.2944, 0.2636 is called "border". The border property can be set on classes, ids or directly on the HTML element.

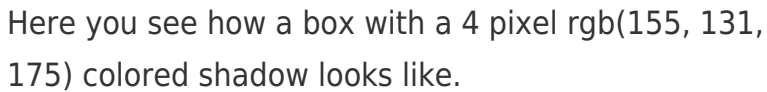
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(155, 131, 175) }
```

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

```
.border{ border-color:rgb(155, 131, 175) }
```

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



Here you see how a box with a 4 pixel `rgb(155, 131, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 131, 175); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 131, 175); box-shadow:4px 4px 4px 4px rgb(155, 131, 175) }
```


Background

The CSS property to change the background color of an element to Yxy 26.2963, 0.2944, 0.2636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 131, 175) }
```

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

```
.background{ background-color: rgb(155,  
131, 175) }
```

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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