

Converting Colors

$Y_{xy}(26.8179, 0.2948, 0.3223)$

Have a look what the booklet for
Yxy(26.8179, 0.2948, 0.3223)
contains.

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Color

Yxy(26.8305, 0.2946, 0.3223)

Conversions

Conversions Part 1

Format	Color
Hex	829094
RGB	130, 144, 148
RGB Percent	51%, 56%, 58%
CMY	0.4901, 0.4353, 0.4197
CMYK	0.12, 0.03, 0.00, 0.42
HSL	193°, 8%, 55%
HSV	193°, 12%, 58%
XYZ	24.5246, 26.8305, 31.8919
YIQ	140.2700, -9.6280, -1.7240

Conversions

Conversions Part 2

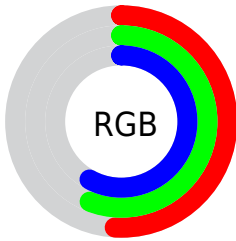
Format	Color
RYB	130, 138, 148
Decimal	8556692
CIELab	58.82, -4.17, -3.83
CIElCh	59, 5.662, 222.529
Yxy	26.8305, 0.2946, 0.3223
Android (android.graphics.Color)	4286746772 (0xFF829094)
YUV	140.2700, 3.8109, -9.0068
Hunter-Lab	51.7982, -6.1335, -0.2459

Details

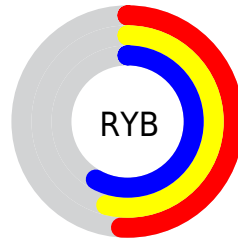
The Yxy color $26.8305, 0.2946, 0.3223$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $24.9527, 0.3330, 0.3356$, and the grayscale version is $26.3247, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.7197, 0.2983, 0.3240$, and $10.6178, 0.2893, 0.3215$ is the 20% darker color. If you saturate the color by 10%, you get $24.7670, 0.2800, 0.3162$, and if you desaturate by 10%, it is $29.0933, 0.3095, 0.3279$.

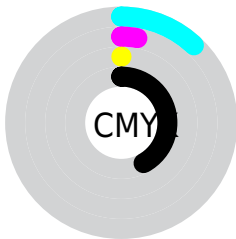
Distribution



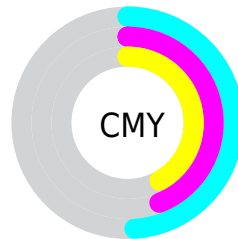
- Red (51%)
- Green (56%)
- Blue (58%)



- Red (51%)
- Yellow (54%)
- Blue (58%)



- Cyan (12%)
- Magenta (3%)
- Yellow (0%)
- Black (42%)



- Cyan (49%)
- Magenta (44%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.8305, 0.2946, 0.3223 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 26.8305, 0.2946, 0.3223 by changing the saturation by 10% instead.

■ 26.8305, 0.2946,
0.3223

■ 26.8305, 0.2946,
0.3223

286.8355, 0.3045,
0.3260

■ 17.4460, 0.2918,
0.3212

■ 54.6118, 0.2984,
0.3238

■ 10.5530, 0.2881,
0.3197

■ 73.7773, 0.2997,
0.3243

■ 5.7671, 0.2827,
0.3176

■ 96.9719, 0.3009,
0.3247

■ 2.7040, 0.2743,
0.3141

124.5800, 0.3018,
0.3250

■ 0.9792, 0.2594,
0.3076

156.9860, 0.3026,
0.3253

■ 0.0000, 0.0000,
0.0000

194.5744, 0.3033,

0.3256

237.7294, 0.3039,
0.3258

■ 26.8305, 0.2946,
0.3223

■ 26.8305, 0.2946,
0.3223

■ 24.7670, 0.2800,
0.3162

■ 29.0933, 0.3095,
0.3279

■ 22.8921, 0.2659,
0.3096

■ 31.5589, 0.3245,
0.3329

■ 21.1989, 0.2526,
0.3026

■ 34.2351, 0.3392,
0.3375

■ 19.6789, 0.2405,
0.2952

■ 37.1282, 0.3537,
0.3415

■ 18.3229, 0.2298,
0.2875

■ 40.2442, 0.3676,
0.3450

■ 17.1204, 0.2208,
0.2796

■ 43.5887, 0.3810,
0.3481

■ 16.0597, 0.2136,
0.2716

■ 47.1673, 0.3938,
0.3509

■ 15.1271, 0.2082,
0.2637

■ 50.9853, 0.4060,
0.3532

■ 14.4546, 0.2049,
0.2574

■ 53.4605, 0.4103,
0.3560

Harmonies

Analogous

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



26.8305, 0.2986, 0.3308



26.8305, 0.2946, 0.3223



26.8305, 0.2954, 0.3158

Triad

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



26.8305, 0.2946, 0.3223



26.8305, 0.3190, 0.3193



26.8305, 0.3246, 0.3455

Complementary

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



26.8305, 0.2946, 0.3223



24.9527, 0.3330, 0.3356

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.



26.8305, 0.3303, 0.3421



26.8305, 0.2946, 0.3223



26.8305, 0.3270, 0.3270

Square

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



26.8305, 0.2946, 0.3223



26.8305, 0.3094, 0.3142



26.8305, 0.3312, 0.3353



26.8305, 0.3158, 0.3444

Rectangle

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



26.8305, 0.2946, 0.3223



26.8305, 0.2985, 0.3134



26.8305, 0.3312, 0.3353



26.8305, 0.3270, 0.3448

Sweetspot

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



26.8316, 0.2946, 0.3223



50.5493, 0.3066, 0.3268



27.6374, 0.3076, 0.3529



11.4738, 0.3056, 0.3265



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



26.8316, 0.2946, 0.3223



46.1712, 0.2899, 0.3204



24.2417, 0.2943, 0.3071



6.3468, 0.2990, 0.3240



12.3925, 0.2050, 0.2579



0.1948, 0.2153, 0.2952

Inverse Universe

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



24.2769, 0.3183, 0.3063



40.6469, 0.3200, 0.3003



27.5164, 0.3312, 0.3500



5.8875, 0.3169, 0.3119



6.4444, 0.3844, 0.1891



0.0832, 0.3497, 0.1700

Previews

White Background



This preview shows how the Yxy color 26.8305, 0.2946, 0.3223 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 26.8305, 0.2946, 0.3223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

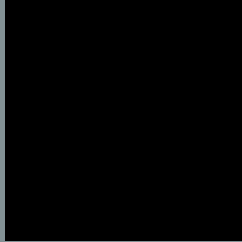
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

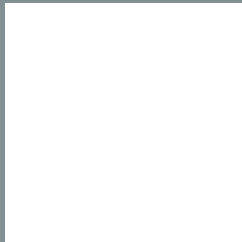
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 26.8305, 0.2946, 0.3223

Background



This preview shows how black text looks on a background with the Yxy color 26.8305, 0.2946, 0.3223.



This preview shows how white text looks on a background with the Yxy color 26.8305, 0.2946, 0.3223.

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

26.8305, 0.2946, 0.3223

Protanopia

26.8759, 0.3088, 0.3209

Deuteranopia

26.6406, 0.3158, 0.3101



Tritanopia

26.8033, 0.2900, 0.3108

Trichromacy



Original Color

26.8305, 0.2946, 0.3223

Protanomaly

26.8559, 0.3036, 0.3208

Deuteranomaly

26.7657, 0.3070, 0.3145

Tritanomaly

26.7372, 0.2919, 0.3140

Monochromacy



Original Color

26.8305, 0.2946, 0.3223

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

26.2672, 0.3054, 0.3256

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.8305, 0.2946, 0.3223 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(130, 144, 148)` looks like.

```
.text, #text, p{  
    color:rgb(130, 144, 148)  
}
```

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(130, 144, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 144, 148) }
```

Border

The CSS property to change the border of an element to Yxy 26.8305, 0.2946, 0.3223 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(130, 144, 148) }
```

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

```
.border{ border-color:rgb(130, 144, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 144, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 144, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 144, 148);  
box-shadow:4px 4px 4px 4px rgb(130, 144,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 26.8305, 0.2946, 0.3223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 144, 148) }
```

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

```
.background{ background-color: rgb(130,  
144, 148) }
```

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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