

Converting Colors

$Y_{xy}(28.3466, 0.2830, 0.3189)$

Have a look what the booklet for
Yxy(28.3466, 0.2830, 0.3189)
contains.

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Color

$Yxy(28.1803, 0.2822, 0.3173)$

Conversions

Conversions Part 1

Format	Color
Hex	7C959C
RGB	124, 149, 156
RGB Percent	49%, 58%, 61%
CMY	0.5136, 0.4157, 0.3882
CMYK	0.20, 0.04, 0.00, 0.39
HSL	193°, 14%, 55%
HSV	193°, 20%, 61%
XYZ	25.0630, 28.1803, 35.5695
YIQ	142.3230, -17.1470, -3.1230

Conversions

Conversions Part 2

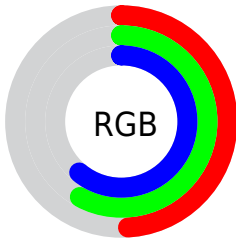
Format	Color
RYB	124, 138, 156
Decimal	8164764
CIELab	60.05, -7.18, -6.62
CIELCh	60, 9.766, 222.679
Yxy	28.1803, 0.2822, 0.3173
Android (android.graphics.Color)	4286354844 (0xFF7C959C)
YUV	142.3230, 6.7428, -16.0693
Hunter-Lab	53.0851, -8.6241, -2.5675

Details

The Yxy color **28.1803, 0.2822, 0.3173** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **24.7639, 0.3501, 0.3404**, and the grayscale version is **27.1650, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.7121, 0.2887, 0.3203**, and **11.2111, 0.2708, 0.3117** is the 20% darker color. If you saturate the color by 10%, you get **26.0442, 0.2679, 0.3108**, and if you desaturate by 10%, it is **30.5343, 0.2970, 0.3233**.

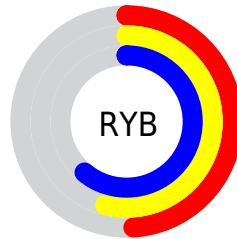
Distribution



Red (49%)

Green (58%)

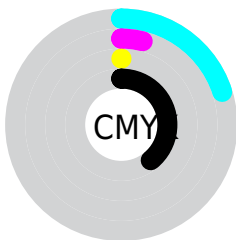
Blue (61%)



Red (49%)

Yellow (54%)

Blue (61%)

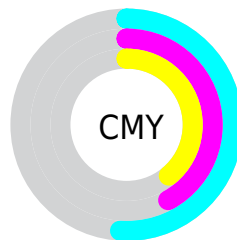


Cyan (20%)

Magenta (4%)

Yellow (0%)

Black (39%)



Cyan (51%)

Magenta (42%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 28.1803, 0.2822, 0.3173 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 28.1803, 0.2822, 0.3173 by changing the saturation by 10% instead.

■ 28.1803, 0.2822,
0.3173

■ 28.1803, 0.2822,
0.3173

■ 293.3275, 0.2986,
0.3238

■ 18.4616, 0.2777,
0.3154

■ 56.7722, 0.2885,
0.3198

■ 11.2819, 0.2716,
0.3128

■ 76.4141, 0.2907,
0.3207

■ 6.2568, 0.2630,
0.3091

■ 100.1327, 0.2926,
0.3215

■ 3.0018, 0.2499,
0.3030

■ 128.3122, 0.2942,
0.3221

■ 1.1327, 0.2277,
0.2920

■ 161.3370, 0.2955,
0.3226

■ 0.0057, 0.0000,
0.0120

■ 199.5915, 0.2967,

■ 0.0000, 0.0000,

0.3231

0.0000

243.4602, 0.2977,
0.3235

■ 28.1803, 0.2822,
0.3173

■ 28.1803, 0.2822,
0.3173

■ 26.0442, 0.2679,
0.3108

■ 30.5343, 0.2970,
0.3233

■ 24.1137, 0.2545,
0.3039

■ 33.1110, 0.3120,
0.3287

■ 22.3803, 0.2422,
0.2966

■ 35.9194, 0.3270,
0.3337

■ 20.8336, 0.2313,
0.2889

■ 38.9671, 0.3418,
0.3381

■ 19.4620, 0.2220,
0.2811

■ 42.2610, 0.3562,
0.3420

■ 18.2523, 0.2146,
0.2732

■ 45.8078, 0.3702,
0.3455

■ 17.1894, 0.2090,
0.2653

■ 49.6142, 0.3835,
0.3485

■ 16.2797, 0.2050,
0.2579

■ 53.6862, 0.3963,
0.3511

■ 56.1981, 0.4003,
0.3542

Harmonies

Analogous

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



28.1803, 0.2887, 0.3319



28.1803, 0.2822, 0.3173



28.1803, 0.2836, 0.3064

Triad

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



28.1803, 0.2822, 0.3173



28.1803, 0.3234, 0.3128



28.1803, 0.3328, 0.3571

Complementary

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



28.1803, 0.2822, 0.3173



24.7639, 0.3501, 0.3404

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.



28.1803, 0.3426, 0.3510



28.1803, 0.2822, 0.3173



28.1803, 0.3372, 0.3255

Square

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



28.1803, 0.2822, 0.3173



28.1803, 0.3070, 0.3042



28.1803, 0.3442, 0.3394



28.1803, 0.3178, 0.3554

Rectangle

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



28.1803, 0.2822, 0.3173



28.1803, 0.2888, 0.3026



28.1803, 0.3442, 0.3394



28.1803, 0.3368, 0.3559

Sweetspot

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



28.1815, 0.2822, 0.3173



57.4573, 0.3035, 0.3257



29.7009, 0.3041, 0.3717



12.5830, 0.3026, 0.3254



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



28.1815, 0.2822, 0.3173



49.1978, 0.2750, 0.3141



23.4860, 0.2805, 0.2900



7.2628, 0.2988, 0.3240



13.4622, 0.2051, 0.2584



0.2971, 0.2138, 0.2897

Inverse Universe

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



23.6598, 0.3228, 0.2899



39.4626, 0.3257, 0.2800



29.3724, 0.3453, 0.3652



6.7297, 0.3169, 0.3117



6.9812, 0.3839, 0.1889



0.1305, 0.3546, 0.1727

Previews

White Background



This preview shows how the Yxy color 28.1803, 0.2822, 0.3173 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 28.1803, 0.2822, 0.3173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

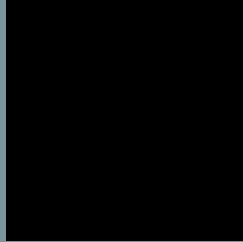
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

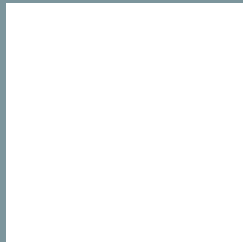
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 28.1803, 0.2822, 0.3173

Background



This preview shows how black text looks on a background with the Yxy color 28.1803, 0.2822, 0.3173.

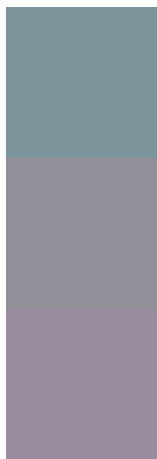


This preview shows how white text looks on a background with the Yxy color 28.1803, 0.2822, 0.3173.

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

28.1803, 0.2822, 0.3173

Protanopia

28.2662, 0.3051, 0.3147

Deuteranopia

27.9002, 0.3077, 0.3012



Tritanopia

28.0778, 0.2796, 0.3092

Trichromacy



Original Color

28.1803, 0.2822, 0.3173

Protanomaly

28.2092, 0.2961, 0.3160

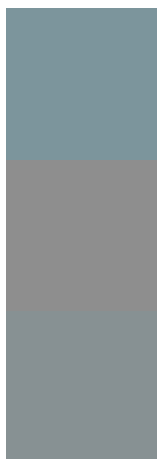
Deuteranomaly

27.8300, 0.2983, 0.3067

Tritanomaly

28.0430, 0.2805, 0.3108

Monochromacy



Original Color

28.1803, 0.2822, 0.3173

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

27.5083, 0.3005, 0.3257

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.1803, 0.2822, 0.3173 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(124, 149, 156)` looks like.

```
.text, #text, p{  
  color:rgb(124, 149, 156)  
}
```

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(124, 149, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 149, 156) }
```

Border

The CSS property to change the border of an element to Yxy 28.1803, 0.2822, 0.3173 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(124, 149, 156) }
```

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

```
.border{ border-color:rgb(124, 149, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 149, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 149, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 149, 156);  
box-shadow:4px 4px 4px 4px rgb(124, 149,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 28.1803, 0.2822, 0.3173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 149, 156) }
```

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

```
.background{ background-color: rgb(124,  
149, 156) }
```

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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