

Converting Colors

$Y_{xy}(27.7030, 0.2825, 0.3112)$

Have a look what the booklet for
Yxy(27.7030, 0.2825, 0.3112)
contains.

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Color

Yxy(27.7717, 0.2821, 0.3108)

Conversions

Conversions Part 1

Format	Color
Hex	7E939E
RGB	126, 147, 158
RGB Percent	49%, 58%, 62%
CMY	0.5059, 0.4235, 0.3804
CMYK	0.20, 0.07, 0.00, 0.38
HSL	201°, 14%, 56%
HSV	201°, 20%, 62%
XYZ	25.2072, 27.7717, 36.3766
YIQ	141.9750, -16.0470, -1.0310

Conversions

Conversions Part 2

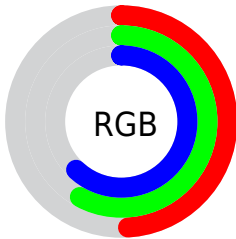
Format	Color
R_{YB}	126, 139, 158
Decimal	8295326
CIE _{Lab}	59.68, -4.97, -8.29
CIE _{LCh}	60, 9.668, 239.042
Yxy	27.7717, 0.2821, 0.3108
Android (android.graphics.Color)	4286485406 (0xFF7E939E)
YUV	141.9750, 7.9003, -14.0101
Hunter-Lab	52.6989, -6.8420, -4.0371

Details

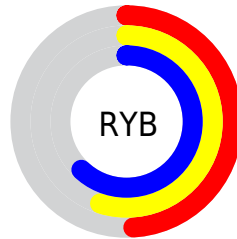
The Yxy color $27.7717, 0.2821, 0.3108$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $26.6577, 0.3484, 0.3465$, and the grayscale version is $27.0122, 0.3127, 0.3290$.

A 20% lighter version of the original color is $56.1611, 0.2881, 0.3142$, and $10.9638, 0.2705, 0.3021$ is the 20% darker color. If you saturate the color by 10%, you get $25.0182, 0.2671, 0.3005$, and if you desaturate by 10%, it is $30.7967, 0.2973, 0.3202$.

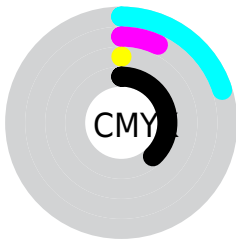
Distribution



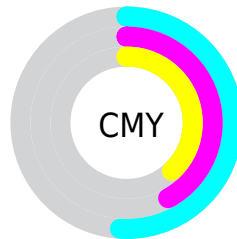
- Red (49%)
- Green (58%)
- Blue (62%)



- Red (49%)
- Yellow (55%)
- Blue (62%)



- Cyan (20%)
- Magenta (7%)
- Yellow (0%)
- Black (38%)



- Cyan (51%)
- Magenta (42%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 27.7717, 0.2821, 0.3108 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 27.7717, 0.2821, 0.3108 by changing the saturation by 10% instead.

■ 27.7717, 0.2821,
0.3108

■ 27.7717, 0.2821,
0.3108

■ 291.3744, 0.2986,
0.3208

■ 18.1536, 0.2776,
0.3080

■ 56.1197, 0.2884,
0.3147

■ 11.0603, 0.2714,
0.3041

■ 75.6185, 0.2907,
0.3161

■ 6.1074, 0.2627,
0.2985

■ 99.1796, 0.2926,
0.3172

■ 2.9105, 0.2495,
0.2897

■ 127.1875, 0.2941,
0.3181

■ 1.0852, 0.2268,
0.2740

■ 160.0265, 0.2955,
0.3190

■ 0.0000, 0.0000,
0.0000

198.0811, 0.2967,

0.3197

241.7356, 0.2977,
0.3203

■ 27.7717, 0.2821,
0.3108

■ 27.7717, 0.2821,
0.3108

■ 25.0182, 0.2671,
0.3005

■ 30.7967, 0.2973,
0.3202

■ 22.5227, 0.2525,
0.2894

■ 34.0992, 0.3123,
0.3288

■ 20.2758, 0.2388,
0.2775

■ 37.6890, 0.3271,
0.3365

■ 18.2658, 0.2262,
0.2651

■ 41.5747, 0.3413,
0.3433

■ 16.4800, 0.2151,
0.2523

■ 45.7642, 0.3550,
0.3494

■ 14.9039, 0.2058,
0.2394

■ 50.2652, 0.3680,
0.3547

■ 13.5210, 0.1985,
0.2265

■ 55.0852, 0.3803,
0.3594

■ 12.3222, 0.1928,
0.2141

■ 60.2311, 0.3919,
0.3634

■ 63.1239, 0.3919,
0.3687

Harmonies

Analogous

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



27.7717, 0.2844, 0.3237



27.7717, 0.2821, 0.3108



27.7717, 0.2877, 0.3032

Triad

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



27.7717, 0.2821, 0.3108



27.7717, 0.3314, 0.3195



27.7717, 0.3249, 0.3571

Complementary

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



27.7717, 0.2821, 0.3108



26.6577, 0.3484, 0.3465

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.



27.7717, 0.3380, 0.3551



27.7717, 0.2821, 0.3108



27.7717, 0.3419, 0.3331

Square

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



27.7717, 0.2821, 0.3108



27.7717, 0.3160, 0.3084



27.7717, 0.3443, 0.3462



27.7717, 0.3088, 0.3510

Rectangle

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



27.7717, 0.2821, 0.3108



27.7717, 0.2954, 0.3019



27.7717, 0.3443, 0.3462



27.7717, 0.3298, 0.3573

Sweetspot

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



27.7728, 0.2821, 0.3108



58.3534, 0.3035, 0.3239



30.6825, 0.3010, 0.3647



13.0750, 0.3026, 0.3234



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



27.7728, 0.2821, 0.3108



48.2750, 0.2757, 0.3066



23.2216, 0.2804, 0.2840



7.1257, 0.2988, 0.3211



9.9448, 0.1931, 0.2151



0.2535, 0.2073, 0.2661

Inverse Universe

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



24.2933, 0.3271, 0.2963



41.0046, 0.3308, 0.2892



31.4456, 0.3439, 0.3703



6.7159, 0.3187, 0.3144



6.6261, 0.4285, 0.2134



0.1261, 0.3766, 0.1848

Previews

White Background



This preview shows how the Yxy color 27.7717, 0.2821, 0.3108 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 27.7717, 0.2821, 0.3108 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

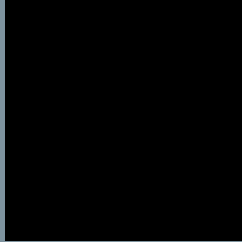
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

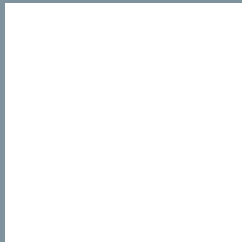
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 27.7717, 0.2821, 0.3108

Background



This preview shows how black text looks on a background with the Yxy color 27.7717, 0.2821, 0.3108.

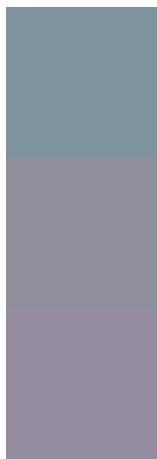


This preview shows how white text looks on a background with the Yxy color 27.7717, 0.2821, 0.3108.

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

27.7717, 0.2821, 0.3108

Protanopia

27.8511, 0.3012, 0.3099

Deuteranopia

27.7783, 0.3036, 0.2980



Tritanopia

27.8063, 0.2813, 0.3092

Trichromacy



Original Color

27.7717, 0.2821, 0.3108

Protanomaly

27.6652, 0.2942, 0.3096

Deuteranomaly

27.8108, 0.2954, 0.3036

Tritanomaly

27.8063, 0.2813, 0.3092

Monochromacy



Original Color

27.7717, 0.2821, 0.3108

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

27.3189, 0.3006, 0.3224

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.7717, 0.2821, 0.3108 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(126, 147, 158)` looks like.

```
.text, #text, p{  
    color:rgb(126, 147, 158)  
}
```

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(126, 147, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 147, 158) }
```

Border

The CSS property to change the border of an element to Yxy 27.7717, 0.2821, 0.3108 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(126, 147, 158) }
```

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

```
.border{ border-color:rgb(126, 147, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 147, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 147, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 147, 158);  
box-shadow:4px 4px 4px 4px rgb(126, 147,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 27.7717, 0.2821, 0.3108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 147, 158) }
```

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

```
.background{ background-color: rgb(126,  
147, 158) }
```

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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