

Converting Colors

$Y_{xy}(26.7851, 0.2797, 0.2935)$

Have a look what the booklet for
Yxy(26.7851, 0.2797, 0.2935)
contains.

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Color

Yxy(26.6935, 0.2793, 0.2932)

Conversions

Conversions Part 1

Format	Color
Hex	818EA4
RGB	129, 142, 164
RGB Percent	51%, 56%, 64%
CMY	0.4940, 0.4431, 0.3570
CMYK	0.21, 0.13, 0.00, 0.36
HSL	218°, 16%, 57%
HSV	218°, 21%, 64%
XYZ	25.4280, 26.6935, 38.9204
YIQ	140.6210, -14.8100, 4.0860

Conversions

Conversions Part 2

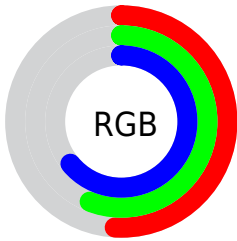
Format	Color
R_{YB}	129, 138, 164
Decimal	8490660
CIE _{Lab}	58.69, 0.24, -13.16
CIE _{LCh}	59, 13.166, 271.042
Yxy	26.6935, 0.2793, 0.2932
Android (android.graphics.Color)	4286680740 (0xFF818EA4)
YUV	140.6210, 11.5258, -10.1916
Hunter-Lab	51.6658, -2.5638, -8.4978

Details

The Yxy color **26.6935, 0.2793, 0.2932** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **31.6087, 0.3478, 0.3624**, and the grayscale version is **26.4402, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.5394, 0.2860, 0.3010**, and **10.4864, 0.2675, 0.2812** is the 20% darker color. If you saturate the color by 10%, you get **22.5840, 0.2624, 0.2735**, and if you desaturate by 10%, it is **31.2951, 0.2955, 0.3111**.

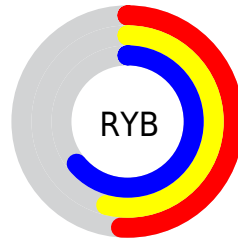
Distribution



Red (51%)

Green (56%)

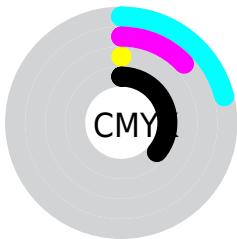
Blue (64%)



Red (51%)

Yellow (54%)

Blue (64%)

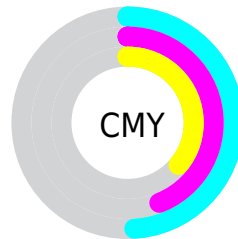


Cyan (21%)

Magenta (13%)

Yellow (0%)

Black (36%)



Cyan (49%)

Magenta (44%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.6935, 0.2793, 0.2932 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 26.6935, 0.2793, 0.2932 by changing the saturation by 10% instead.

■ 26.6935, 0.2793,
0.2932

■ 26.6935, 0.2793,
0.2932

286.1700, 0.2974,
0.3126

■ 17.3432, 0.2743,
0.2878

■ 54.3916, 0.2863,
0.3006

■ 10.4795, 0.2674,
0.2805

■ 73.5082, 0.2888,
0.3033

■ 5.7180, 0.2577,
0.2701

■ 96.6490, 0.2908,
0.3055

■ 2.6744, 0.2428,
0.2543

124.1985, 0.2926,
0.3074

■ 0.9642, 0.2175,
0.2272

156.5409, 0.2941,
0.3090

■ 0.0000, 0.0000,
0.0000

194.0607, 0.2953,

0.3104

237.1423, 0.2964,
0.3116

■ 26.6935, 0.2793,
0.2932

■ 26.6935, 0.2793,
0.2932

■ 22.5840, 0.2624,
0.2735

■ 31.2951, 0.2955,
0.3111

■ 18.9458, 0.2452,
0.2520

■ 36.4020, 0.3108,
0.3270

■ 15.7615, 0.2281,
0.2292

■ 42.0310, 0.3250,
0.3412

■ 13.0111, 0.2117,
0.2054

■ 48.1971, 0.3382,
0.3537

■ 10.6727, 0.1967,
0.1815

■ 54.9147, 0.3503,
0.3646

■ 8.7226, 0.1838,
0.1583

■ 62.1975, 0.3614,
0.3742

■ 7.1334, 0.1736,
0.1366

■ 70.0588, 0.3715,
0.3826

■ 6.0027, 0.1666,
0.1196

■ 77.5107, 0.3767,
0.3907

■ 83.2378, 0.3732,
0.4004

Harmonies

Analogous

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



26.6935, 0.2710, 0.3027



26.6935, 0.2793, 0.2932



26.6935, 0.2965, 0.2930

Triad

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



26.6935, 0.2793, 0.2932



26.6935, 0.3537, 0.3356



26.6935, 0.3057, 0.3588

Complementary

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



26.6935, 0.2793, 0.2932



31.6087, 0.3478, 0.3624

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.



26.6935, 0.3280, 0.3678



26.6935, 0.2793, 0.2932



26.6935, 0.3562, 0.3534

Square

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



26.6935, 0.2793, 0.2932



26.6935, 0.3398, 0.3170



26.6935, 0.3466, 0.3655



26.6935, 0.2859, 0.3409

Rectangle

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



26.6935, 0.2793, 0.2932



26.6935, 0.3110, 0.2979



26.6935, 0.3466, 0.3655



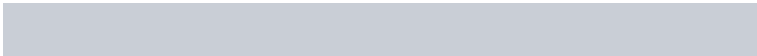
26.6935, 0.3132, 0.3630

Sweetspot

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



26.6946, 0.2793, 0.2932



61.5309, 0.3036, 0.3196



33.4309, 0.2923, 0.3505



13.3292, 0.3026, 0.3186



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.



26.6946, 0.2793, 0.2932



44.4989, 0.2706, 0.2832



23.3824, 0.2820, 0.2720



7.2706, 0.2987, 0.3145



4.6893, 0.1671, 0.1214



0.1870, 0.1875, 0.1949

Inverse Universe

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



25.5505, 0.3393, 0.3092



42.2157, 0.3476, 0.3041



35.5894, 0.3400, 0.3815



7.1274, 0.3229, 0.3207



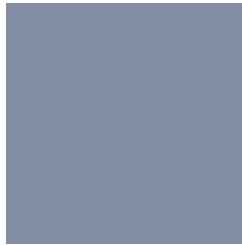
6.3175, 0.5447, 0.2774



0.1417, 0.4510, 0.2258

Previews

White Background



This preview shows how the Yxy color 26.6935, 0.2793, 0.2932 looks on a white background.

Color Contrast Check

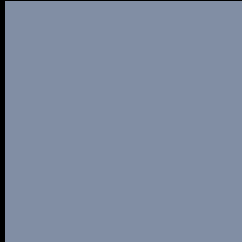
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.6935, 0.2793, 0.2932 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

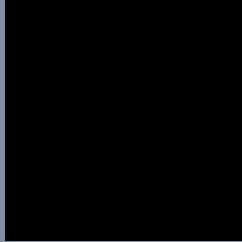
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.6935, 0.2793, 0.2932

Background



This preview shows how black text looks on a background with the Yxy color 26.6935, 0.2793, 0.2932.

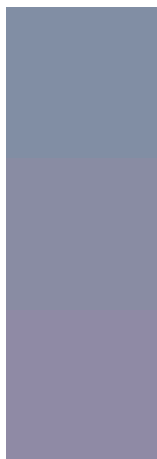


This preview shows how white text looks on a background with the Yxy color 26.6935, 0.2793, 0.2932.

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

26.6935, 0.2793, 0.2932

Protanopia

26.7189, 0.2877, 0.2922

Deuteranopia

26.7332, 0.2917, 0.2866



Tritanopia

26.8251, 0.2854, 0.3106

Trichromacy



Original Color

26.6935, 0.2793, 0.2932

Protanomaly

26.7624, 0.2848, 0.2935

Deuteranomaly

26.5851, 0.2868, 0.2876

Tritanomaly

26.7027, 0.2836, 0.3042

Monochromacy



Original Color

26.6935, 0.2793, 0.2932

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

26.5380, 0.3007, 0.3158

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.6935, 0.2793, 0.2932 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(129, 142, 164)` looks like.

```
.text, #text, p{  
    color:rgb(129, 142, 164)  
}
```

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(129, 142, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 142, 164) }
```

Border

The CSS property to change the border of an element to Yxy 26.6935, 0.2793, 0.2932 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(129, 142, 164) }
```

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

```
.border{ border-color:rgb(129, 142, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 142, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 142, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 142, 164);  
box-shadow:4px 4px 4px 4px rgb(129, 142,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 26.6935, 0.2793, 0.2932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 142, 164) }
```

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

```
.background{ background-color: rgb(129,  
142, 164) }
```

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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