

Converting Colors

$Y_{xy}(26.7025, 0.2764, 0.2907)$

Have a look what the booklet for
Yxy(26.7025, 0.2764, 0.2907)
contains.

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Color

Yxy(26.6112, 0.2757, 0.2899)

Conversions

Conversions Part 1

Format	Color
Hex	7F8EA6
RGB	127, 142, 166
RGB Percent	50%, 56%, 65%
CMY	0.5020, 0.4431, 0.3490
CMYK	0.23, 0.14, 0.00, 0.35
HSL	217°, 18%, 57%
HSV	217°, 23%, 65%
XYZ	25.3077, 26.6112, 39.8755
YIQ	140.2510, -16.6440, 4.2840

Conversions

Conversions Part 2

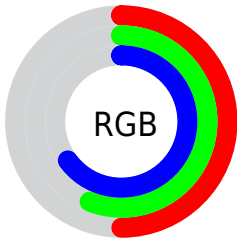
Format	Color
R_{YB}	127, 138, 166
Decimal	8359590
CIE _{Lab}	58.61, 0.06, -14.45
CIE _{LCh}	59, 14.448, 270.245
Yxy	26.6112, 0.2757, 0.2899
Android (android.graphics.Color)	4286549670 (0xFF7F8EA6)
YUV	140.2510, 12.6943, -11.6211
Hunter-Lab	51.5860, -2.7048, -9.7203

Details

The Yxy color $26.6112, 0.2757, 0.2899$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $31.7689, 0.3520, 0.3652$, and the grayscale version is $26.2832, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.4036, 0.2833, 0.2986$, and $10.4470, 0.2627, 0.2765$ is the 20% darker color. If you saturate the color by 10%, you get $22.5398, 0.2588, 0.2702$, and if you desaturate by 10%, it is $31.1732, 0.2920, 0.3078$.

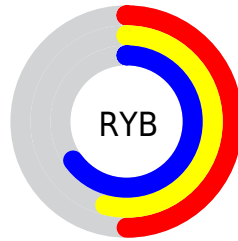
Distribution



Red (50%)

Green (56%)

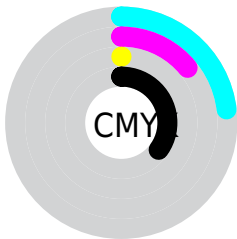
Blue (65%)



Red (50%)

Yellow (54%)

Blue (65%)

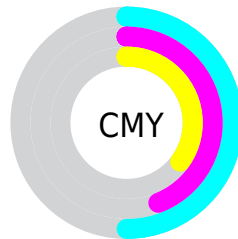


Cyan (23%)

Magenta (14%)

Yellow (0%)

Black (35%)



Cyan (50%)

Magenta (44%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.6112, 0.2757, 0.2899 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 26.6112, 0.2757, 0.2899 by changing the saturation by 10% instead.

■ 26.6112, 0.2757,
0.2899

■ 26.6112, 0.2757,
0.2899

285.7697, 0.2958,
0.3111

■ 17.2814, 0.2701,
0.2840

■ 54.2593, 0.2834,
0.2980

■ 10.4354, 0.2626,
0.2761

■ 73.3465, 0.2862,
0.3009

■ 5.6886, 0.2519,
0.2648

■ 96.4549, 0.2884,
0.3034

■ 2.6566, 0.2357,
0.2476

123.9690, 0.2904,
0.3054

■ 0.9552, 0.2081,
0.2186

156.2731, 0.2920,
0.3071

■ 0.0000, 0.0000,
0.0000

193.7517, 0.2934,

0.3086

236.7890, 0.2947,
0.3099

■ 26.6112, 0.2757,
0.2899

■ 26.6112, 0.2757,
0.2899

■ 22.5398, 0.2588,
0.2702

■ 31.1732, 0.2920,
0.3078

■ 18.9381, 0.2417,
0.2489

■ 36.2393, 0.3075,
0.3238

■ 15.7882, 0.2248,
0.2263

■ 41.8264, 0.3221,
0.3381

■ 13.0698, 0.2088,
0.2029

■ 47.9498, 0.3355,
0.3507

■ 10.7607, 0.1944,
0.1795

■ 54.6238, 0.3479,
0.3617

■ 8.8361, 0.1822,
0.1568

■ 61.8624, 0.3593,
0.3714

■ 7.2680, 0.1727,
0.1359

■ 69.6790, 0.3697,
0.3798

■ 6.4049, 0.1676,
0.1233

■ 77.1655, 0.3756,
0.3880

■ 82.8113, 0.3722,
0.3975

Harmonies

Analogous

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



26.6112, 0.2669, 0.3005



26.6112, 0.2757, 0.2899



26.6112, 0.2943, 0.2895

Triad

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



26.6112, 0.2757, 0.2899



26.6112, 0.3576, 0.3356



26.6112, 0.3056, 0.3623

Complementary

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



26.6112, 0.2757, 0.2899



31.7689, 0.3520, 0.3652

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.



26.6112, 0.3300, 0.3719



26.6112, 0.2757, 0.2899



26.6112, 0.3606, 0.3551

Square

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



26.6112, 0.2757, 0.2899



26.6112, 0.3419, 0.3153



26.6112, 0.3503, 0.3688



26.6112, 0.2837, 0.3426

Rectangle

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



26.6112, 0.2757, 0.2899



26.6112, 0.3102, 0.2947



26.6112, 0.3503, 0.3688



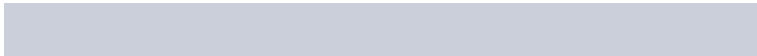
26.6112, 0.3138, 0.3668

Sweetspot

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



26.6123, 0.2757, 0.2899



62.3216, 0.3020, 0.3182



33.9970, 0.2908, 0.3540



13.8295, 0.3011, 0.3173



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



26.6123, 0.2757, 0.2899



44.4760, 0.2672, 0.2802



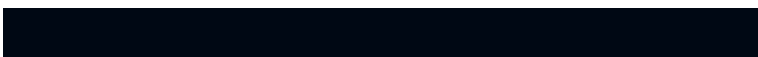
22.7494, 0.2777, 0.2652



7.7562, 0.2986, 0.3147



5.0520, 0.1680, 0.1249



0.2223, 0.1871, 0.1934

Inverse Universe

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



25.2385, 0.3421, 0.3062



41.7818, 0.3504, 0.3011



36.4937, 0.3434, 0.3870



7.5883, 0.3228, 0.3203



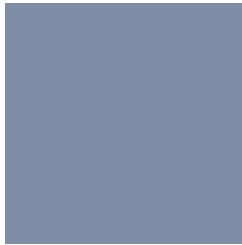
6.5811, 0.5397, 0.2747



0.1702, 0.4528, 0.2268

Previews

White Background



This preview shows how the Yxy color 26.6112, 0.2757, 0.2899 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 26.6112, 0.2757, 0.2899 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

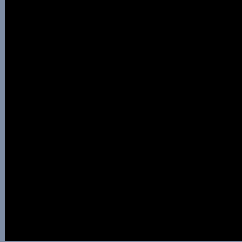
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

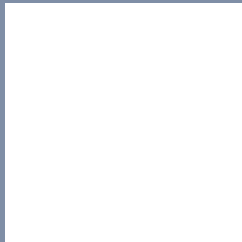
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 26.6112, 0.2757, 0.2899

Background



This preview shows how black text looks on a background with the Yxy color 26.6112, 0.2757, 0.2899.



This preview shows how white text looks on a background with the Yxy color 26.6112, 0.2757, 0.2899.

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

26.6112, 0.2757, 0.2899

Protanopia

26.6707, 0.2858, 0.2906

Deuteranopia

26.4321, 0.2888, 0.2820



Tritanopia

26.6730, 0.2834, 0.3105

Trichromacy



Original Color

26.6112, 0.2757, 0.2899

Protanomaly

26.7529, 0.2821, 0.2904

Deuteranomaly

26.5736, 0.2840, 0.2845

Tritanomaly

26.5837, 0.2808, 0.3024

Monochromacy



Original Color

26.6112, 0.2757, 0.2899

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

26.3706, 0.2986, 0.3157

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.6112, 0.2757, 0.2899 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(127, 142, 166)` looks like.

```
.text, #text, p{  
    color:rgb(127, 142, 166)  
}
```

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(127, 142, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 142, 166) }
```

Border

The CSS property to change the border of an element to Yxy 26.6112, 0.2757, 0.2899 is called "border". The border property can be set on classes, ids or directly on the HTML element.

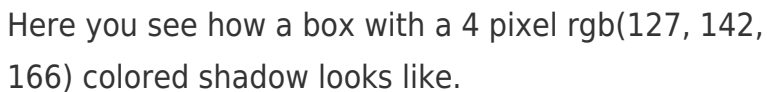
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(127, 142, 166) }
```

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

```
.border{ border-color:rgb(127, 142, 166) }
```

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



Here you see how a box with a 4 pixel `rgb(127, 142, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(127, 142, 166); -webkit-box-shadow:4px 4px 4px 4px rgb(127, 142, 166); box-shadow:4px 4px 4px 4px rgb(127, 142, 166) }
```


Background

The CSS property to change the background color of an element to Yxy 26.6112, 0.2757, 0.2899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 142, 166) }
```

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

```
.background{ background-color: rgb(127,  
142, 166) }
```

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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