

Converting Colors

$Y_{xy}(27.9954, 0.2750, 0.2830)$

Have a look what the booklet for
Yxy(27.9954, 0.2750, 0.2830)
contains.

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Color

Yxy(27.9502, 0.2756, 0.2834)

Conversions

Conversions Part 1

Format	Color
Hex	8590AD
RGB	133, 144, 173
RGB Percent	52%, 56%, 68%
CMY	0.4787, 0.4352, 0.3216
CMYK	0.23, 0.17, 0.00, 0.32
HSL	223°, 20%, 60%
HSV	223°, 23%, 68%
XYZ	27.1809, 27.9502, 43.4934
YIQ	144.0170, -15.8650, 6.6870

Conversions

Conversions Part 2

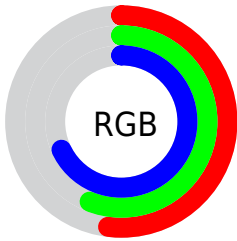
Format	Color
RYB	133, 142, 173
Decimal	8753325
CIELab	59.84, 2.50, -16.53
CIElCh	60, 16.717, 278.614
Yxy	27.9502, 0.2756, 0.2834
Android (android.graphics.Color)	4286943405 (0xFF8590AD)
YUV	144.0170, 14.2886, -9.6619
Hunter-Lab	52.8679, -0.7469, -11.7692

Details

The Yxy color $27.9502, 0.2756, 0.2834$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $36.3844, 0.3502, 0.3708$, and the grayscale version is $27.8400, 0.3127, 0.3290$.

A 20% lighter version of the original color is $56.5544, 0.2838, 0.2935$, and $11.2249, 0.2629, 0.2678$ is the 20% darker color. If you saturate the color by 10%, you get $23.0747, 0.2579, 0.2600$, and if you desaturate by 10%, it is $33.4800, 0.2924, 0.3046$.

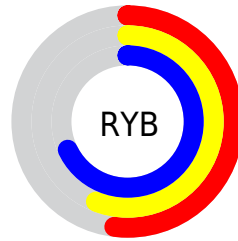
Distribution



Red (52%)

Green (56%)

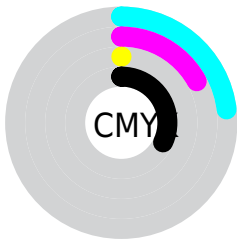
Blue (68%)



Red (52%)

Yellow (56%)

Blue (68%)

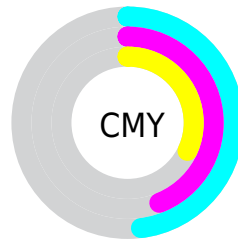


Cyan (23%)

Magenta (17%)

Yellow (0%)

Black (32%)



Cyan (48%)

Magenta (44%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 27.9502, 0.2756, 0.2834 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 27.9502, 0.2756, 0.2834 by changing the saturation by 10% instead.

■ 27.9502, 0.2756,
0.2834

■ 27.9502, 0.2756,
0.2834

■ 292.2289, 0.2956,
0.3078

■ 18.2881, 0.2701,
0.2768

■ 56.4049, 0.2832,
0.2926

■ 11.1570, 0.2627,
0.2680

■ 75.9664, 0.2860,
0.2960

■ 6.1726, 0.2523,
0.2556

■ 99.5964, 0.2883,
0.2988

■ 2.9503, 0.2367,
0.2373

■ 127.6794, 0.2902,
0.3011

■ 1.1058, 0.2107,
0.2074

■ 160.5997, 0.2918,
0.3031

■ 0.0000, 0.0375,
0.0000

■ 198.7418, 0.2933,

■ 0.0000, 0.0000,

0.3049

0.0000

242.4901, 0.2945,
0.3064

■ 27.9502, 0.2756,
0.2834

■ 27.9502, 0.2756,
0.2834

■ 23.0747, 0.2579,
0.2600

■ 33.4800, 0.2924,
0.3046

■ 18.8250, 0.2396,
0.2348

■ 39.6844, 0.3080,
0.3235

■ 15.1758, 0.2214,
0.2081

■ 46.5867, 0.3224,
0.3402

■ 12.0982, 0.2039,
0.1809

■ 54.2083, 0.3355,
0.3549

■ 9.5610, 0.1882,
0.1542

■ 62.5696, 0.3473,
0.3677

■ 7.5295, 0.1750,
0.1295

■ 71.6901, 0.3580,
0.3789

■ 5.9642, 0.1651,
0.1079

■ 81.5887, 0.3675,
0.3886

■ 5.1197, 0.1598,
0.0952

■ 89.0529, 0.3645,
0.3999

■ 95.7969, 0.3614,
0.4096

Harmonies

Analogous

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



27.9502, 0.2623, 0.2920



27.9502, 0.2756, 0.2834



27.9502, 0.2990, 0.2863

Triad

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



27.9502, 0.2756, 0.2834



27.9502, 0.3664, 0.3428



27.9502, 0.2970, 0.3617

Complementary

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



27.9502, 0.2756, 0.2834



36.3844, 0.3502, 0.3708

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.



27.9502, 0.3246, 0.3765



27.9502, 0.2756, 0.2834



27.9502, 0.3654, 0.3638

Square

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



27.9502, 0.2756, 0.2834



27.9502, 0.3521, 0.3195



27.9502, 0.3499, 0.3767



27.9502, 0.2743, 0.3371

Rectangle

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



27.9502, 0.2756, 0.2834



27.9502, 0.3176, 0.2940



27.9502, 0.3499, 0.3767



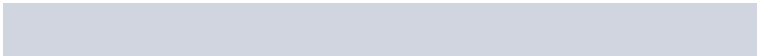
27.9502, 0.3060, 0.3681

Sweetspot

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



27.9513, 0.2756, 0.2834



66.5217, 0.3020, 0.3163



37.4620, 0.2875, 0.3463



14.3190, 0.3011, 0.3152



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



27.9513, 0.2756, 0.2834



45.2609, 0.2662, 0.2712



25.4921, 0.2827, 0.2668



8.1045, 0.2986, 0.3121



3.8461, 0.1603, 0.0970



0.1995, 0.1774, 0.1587

Inverse Universe

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



27.6560, 0.3466, 0.3128



44.8528, 0.3569, 0.3088



39.5022, 0.3386, 0.3872



8.0504, 0.3245, 0.3227



6.6913, 0.5804, 0.2971



0.1955, 0.4948, 0.2499

Previews

White Background



This preview shows how the Yxy color 27.9502, 0.2756, 0.2834 looks on a white background.

Color Contrast Check

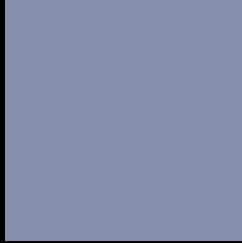
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.9502, 0.2756, 0.2834 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

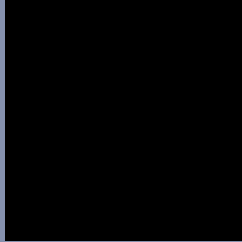
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

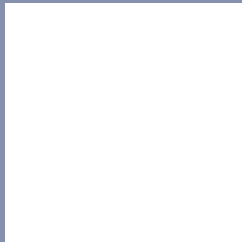
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 27.9502, 0.2756, 0.2834

Background



This preview shows how black text looks on a background with the Yxy color 27.9502, 0.2756, 0.2834.



This preview shows how white text looks on a background with the Yxy color 27.9502, 0.2756, 0.2834.

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

27.9502, 0.2756, 0.2834

Protanopia

28.0268, 0.2810, 0.2838

Deuteranopia

27.9454, 0.2839, 0.2784



Tritanopia

28.0819, 0.2858, 0.3110

Trichromacy



Original Color

27.9502, 0.2756, 0.2834

Protanomaly

27.8577, 0.2791, 0.2836

Deuteranomaly

27.8910, 0.2801, 0.2795

Tritanomaly

28.0274, 0.2824, 0.3015

Monochromacy



Original Color

27.9502, 0.2756, 0.2834

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

27.8885, 0.2981, 0.3113

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.9502, 0.2756, 0.2834 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(133, 144, 173)` looks like.

```
.text, #text, p{  
    color:rgb(133, 144, 173)  
}
```

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(133, 144, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 144, 173) }
```

Border

The CSS property to change the border of an element to Yxy 27.9502, 0.2756, 0.2834 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(133, 144, 173) }
```

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

```
.border{ border-color:rgb(133, 144, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 144, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 144, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 144, 173);  
box-shadow:4px 4px 4px 4px rgb(133, 144,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 27.9502, 0.2756, 0.2834 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 144, 173) }
```

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

```
.background{ background-color: rgb(133,  
144, 173) }
```

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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