

Converting Colors

$Y_{xy}(21.9612, 0.2846, 0.2891)$

Have a look what the booklet for
Yxy(21.9612, 0.2846, 0.2891)
contains.

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Color

Yxy(21.9578, 0.2846, 0.2891)

Conversions

Conversions Part 1

Format	Color
Hex	7C8097
RGB	124, 128, 151
RGB Percent	49%, 50%, 59%
CMY	0.5138, 0.4980, 0.4078
CMYK	0.18, 0.15, 0.00, 0.41
HSL	231°, 11%, 54%
HSV	231°, 18%, 59%
XYZ	21.6160, 21.9578, 32.3785
YIQ	129.4260, -9.7670, 6.3050

Conversions

Conversions Part 2

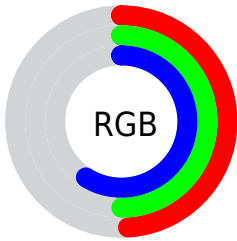
Format	Color
R_{YB}	124, 127, 151
Decimal	8159383
CIE _{Lab}	53.98, 3.55, -12.84
CIE _{LCh}	54, 13.317, 285.465
Yxy	21.9578, 0.2846, 0.2891
Android (android.graphics.Color)	4286349463 (0xFF7C8097)
YUV	129.4260, 10.6360, -4.7586
Hunter-Lab	46.8592, 0.3381, -8.1664

Details

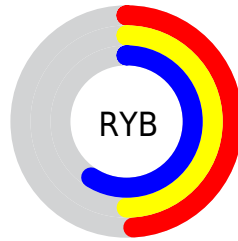
The Yxy color $21.9578, 0.2846, 0.2891$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $28.8975, 0.3398, 0.3660$, and the grayscale version is $22.0746, 0.3127, 0.3290$.

A 20% lighter version of the original color is $46.8026, 0.2912, 0.2984$, and $8.0079, 0.2740, 0.2744$ is the 20% darker color. If you saturate the color by 10%, you get $17.7748, 0.2668, 0.2631$, and if you desaturate by 10%, it is $26.7398, 0.3009, 0.3125$.

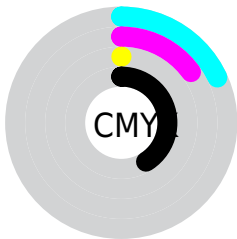
Distribution



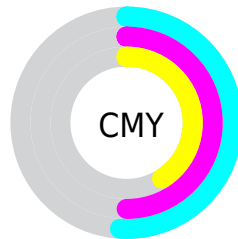
- Red (49%)
- Green (50%)
- Blue (59%)



- Red (49%)
- Yellow (50%)
- Blue (59%)



- Cyan (18%)
- Magenta (15%)
- Yellow (0%)
- Black (41%)



- Cyan (51%)
- Magenta (50%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 21.9578, 0.2846, 0.2891 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 21.9578, 0.2846, 0.2891 by changing the saturation by 10% instead.

■ 21.9578, 0.2846,
0.2891

■ 21.9578, 0.2846,
0.2891

■ 262.3258, 0.3004,
0.3112

■ 13.8259, 0.2800,
0.2827

■ 46.6762, 0.2908,
0.2977

■ 7.9997, 0.2735,
0.2740

■ 64.0316, 0.2930,
0.3008

■ 4.0947, 0.2640,
0.2613

■ 85.2302, 0.2948,
0.3033

■ 1.7267, 0.2485,
0.2410

■ 110.6564, 0.2963,
0.3054

■ 0.4409, 0.2120,
0.1848

■ 140.6947, 0.2975,
0.3072

■ 0.0000, 0.0000,
0.0000

175.7294, 0.2986,

0.3087

216.1450, 0.2996,
0.3100

■ 21.9578, 0.2846,
0.2891

■ 21.9578, 0.2846,
0.2891

■ 17.7748, 0.2668,
0.2631

■ 26.7398, 0.3009,
0.3125

■ 14.1643, 0.2479,
0.2347

■ 32.1403, 0.3157,
0.3331

■ 11.1021, 0.2284,
0.2046

■ 38.1815, 0.3289,
0.3513

■ 8.5611, 0.2091,
0.1738

■ 44.8833, 0.3406,
0.3670

■ 6.5117, 0.1911,
0.1439

■ 52.2653, 0.3510,
0.3807

■ 4.9214, 0.1756,
0.1167

■ 60.3456, 0.3601,
0.3926

■ 3.7538, 0.1636,
0.0940

■ 69.1423, 0.3682,
0.4029

■ 2.9577, 0.1554,
0.0769

■ 78.6723, 0.3753,
0.4118

■ 2.8261, 0.1539,
0.0739

■ 88.0127, 0.3780,
0.4207

Harmonies

Analogous

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



21.9578, 0.2707, 0.2945



21.9578, 0.2846, 0.2891



21.9578, 0.3063, 0.2937

Triad

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



21.9578, 0.2846, 0.2891



21.9578, 0.3600, 0.3457



21.9578, 0.2941, 0.3528

Complementary

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



21.9578, 0.2846, 0.2891



28.8975, 0.3398, 0.3660

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.



21.9578, 0.3176, 0.3678



21.9578, 0.2846, 0.2891



21.9578, 0.3562, 0.3626

Square

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



21.9578, 0.2846, 0.2891



21.9578, 0.3505, 0.3255



21.9578, 0.3405, 0.3712



21.9578, 0.2760, 0.3309

Rectangle

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



21.9578, 0.2846, 0.2891



21.9578, 0.3227, 0.3016



21.9578, 0.3405, 0.3712



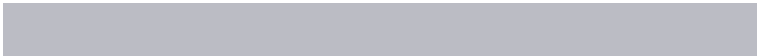
21.9578, 0.3016, 0.3589

Sweetspot

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



21.9587, 0.2846, 0.2891



50.4708, 0.3052, 0.3185



28.5237, 0.2900, 0.3358



11.3334, 0.3042, 0.3171



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



21.9587, 0.2846, 0.2891



36.5587, 0.2785, 0.2802



21.6695, 0.2947, 0.2833



6.1673, 0.2988, 0.3095



2.4321, 0.1541, 0.0747



0.0696, 0.1690, 0.1283

Inverse Universe

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



22.5507, 0.3413, 0.3224



37.8463, 0.3483, 0.3211



29.3003, 0.3287, 0.3735



6.2369, 0.3261, 0.3257



5.6508, 0.6155, 0.3165



0.0878, 0.5349, 0.2721

Previews

White Background



This preview shows how the Yxy color 21.9578, 0.2846, 0.2891 looks on a white background.

Color Contrast Check

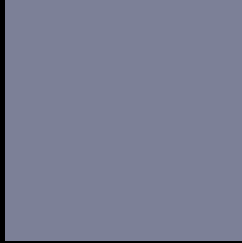
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.9578, 0.2846, 0.2891 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

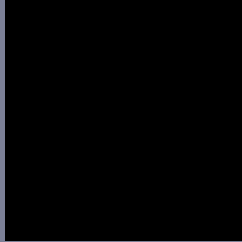
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

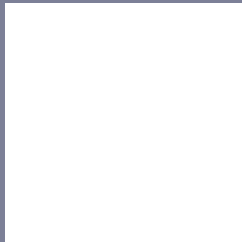
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 21.9578, 0.2846, 0.2891

Background



This preview shows how black text looks on a background with the Yxy color 21.9578, 0.2846, 0.2891.



This preview shows how white text looks on a background with the Yxy color 21.9578, 0.2846, 0.2891.

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

21.9578, 0.2846, 0.2891

Protanopia

22.0327, 0.2857, 0.2892

Deuteranopia

21.9814, 0.2920, 0.2865



Tritanopia

21.9963, 0.2934, 0.3111

Trichromacy



Original Color

21.9578, 0.2846, 0.2891

Protanomaly

22.0327, 0.2857, 0.2892

Deuteranomaly

22.0023, 0.2888, 0.2878

Tritanomaly

21.9251, 0.2904, 0.3025

Monochromacy



Original Color

21.9578, 0.2846, 0.2891

Achromatopsia

21.9526, 0.3127, 0.3290

Achromatomaly

22.0187, 0.3019, 0.3148

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.9578, 0.2846, 0.2891 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, 128, 151)` looks like.

```
.text, #text, p{  
    color:rgb(124, 128, 151)  
}
```

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, 128, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 128, 151) }
```

Border

The CSS property to change the border of an element to Yxy 21.9578, 0.2846, 0.2891 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, 128, 151) }
```

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

```
.border{ border-color:rgb(124, 128, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 128, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 128, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 128, 151);  
box-shadow:4px 4px 4px 4px rgb(124, 128,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 21.9578, 0.2846, 0.2891 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 128, 151) }
```

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

```
.background{ background-color: rgb(124,  
128, 151) }
```

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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