

Converting Colors

$Y_{xy}(21.1629, 0.3237, 0.2919)$

Have a look what the booklet for
Yxy(21.1629, 0.3237, 0.2919)
contains.

Yxy(21.1759, 0.3231, 0.2912)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(21.1759, 0.3231, 0.2912)

Conversions

Conversions Part 1

Format	Color
Hex	94768D
RGB	148, 118, 141
RGB Percent	58%, 46%, 55%
CMY	0.4197, 0.5372, 0.4471
CMYK	0.00, 0.20, 0.05, 0.42
HSL	314°, 12%, 52%
HSV	314°, 20%, 58%
XYZ	23.4957, 21.1759, 28.0479
YIQ	129.5920, 10.4970, 13.5130

Conversions

Conversions Part 2

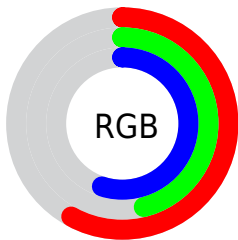
Format	Color
R_{YB}	148, 118, 141
Decimal	9729677
CIE _{Lab}	53.14, 15.78, -8.05
CIE _{LCh}	53, 17.710, 332.978
Yxy	21.1759, 0.3231, 0.2912
Android (android.graphics.Color)	4287919757 (0xFF94768D)
YUV	129.5920, 5.6241, 16.1438
Hunter-Lab	46.0173, 10.6089, -3.9256

Details

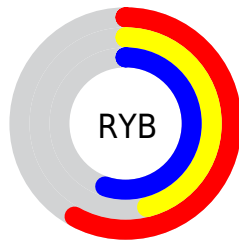
The Yxy color $21.1759, 0.3231, 0.2912$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $26.5055, 0.3038, 0.3700$, and the grayscale version is $22.1487, 0.3127, 0.3290$.

A 20% lighter version of the original color is $45.2461, 0.3204, 0.2984$, and $7.5530, 0.3267, 0.2758$ is the 20% darker color. If you saturate the color by 10%, you get $17.8593, 0.3294, 0.2719$, and if you desaturate by 10%, it is $25.0444, 0.3176, 0.3102$.

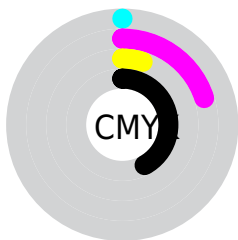
Distribution



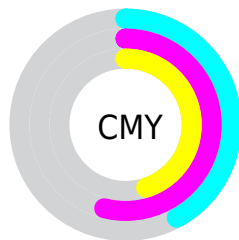
- Red (58%)
- Green (46%)
- Blue (55%)



- Red (58%)
- Yellow (46%)
- Blue (55%)



- Cyan (0%)
- Magenta (20%)
- Yellow (5%)
- Black (42%)





- Cyan (42%)
- Magenta (54%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 21.1759, 0.3231, 0.2912 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 21.1759, 0.3231, 0.2912 by changing the saturation by 10% instead.


 21.1759, 0.3231,
0.2912


 21.1759, 0.3231,
0.2912


258.2118, 0.3175,
0.3120


 13.2526, 0.3247,
0.2853


 45.3801, 0.3210,
0.2993

 7.6027, 0.3267,
0.2771


 62.4298, 0.3202,
0.3022

 3.8418, 0.3297,
0.2653

 83.2905, 0.3195,
0.3045

 1.5855, 0.3342,
0.2466

108.3465, 0.3190,
0.3065

 0.3478, 0.3570,
0.1735

137.9822, 0.3185,
0.3082

 0.0000, 0.0000,
0.0000

172.5821, 0.3181,

0.3096

212.5305, 0.3178,
0.3109

■ 21.1759, 0.3231,
0.2912

■ 21.1759, 0.3231,
0.2912

■ 17.8593, 0.3294,
0.2719

■ 25.0444, 0.3176,
0.3102

■ 15.0663, 0.3366,
0.2530

■ 29.4857, 0.3128,
0.3286

■ 12.7703, 0.3444,
0.2351

■ 34.5232, 0.3088,
0.3459

■ 10.9414, 0.3530,
0.2193

■ 40.1780, 0.3053,
0.3622

■ 9.5464, 0.3619,
0.2065

■ 46.4703, 0.3024,
0.3773

■ 8.5476, 0.3711,
0.1975

■ 53.4194, 0.3000,
0.3912

■ 7.9010, 0.3801,
0.1928

■ 61.0436, 0.2979,
0.4039

■ 7.4977, 0.3888,
0.1916

■ 69.3606, 0.2962,
0.4156

■ 78.3875, 0.2948,
0.4262

Harmonies

Analogous

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



21.1759, 0.2909, 0.2782



21.1759, 0.3231, 0.2912



21.1759, 0.3538, 0.3131

Triad

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



21.1759, 0.3231, 0.2912



21.1759, 0.3602, 0.3825



21.1759, 0.2556, 0.3135

Complementary

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



21.1759, 0.3231, 0.2912



26.5055, 0.3038, 0.3700

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.



21.1759, 0.2723, 0.3442



21.1759, 0.3231, 0.2912



21.1759, 0.3323, 0.3859

Square

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



21.1759, 0.3231, 0.2912



21.1759, 0.3756, 0.3649



21.1759, 0.3001, 0.3717



21.1759, 0.2533, 0.2893

Rectangle

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



21.1759, 0.3231, 0.2912



21.1759, 0.3686, 0.3305



21.1759, 0.3001, 0.3717



21.1759, 0.2596, 0.3234

Sweetspot

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



21.1768, 0.3231, 0.2912



47.3164, 0.3155, 0.3179



19.4202, 0.2874, 0.2762



10.7000, 0.3158, 0.3168



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



21.1768, 0.3231, 0.2912



34.7850, 0.3257, 0.2830



20.7731, 0.3407, 0.3148



5.8863, 0.3171, 0.3122



6.4108, 0.3883, 0.1913



0.0830, 0.3515, 0.1710

Inverse Universe

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



21.1768, 0.3231, 0.2912



34.7850, 0.3257, 0.2830



26.9034, 0.2907, 0.3437



5.8863, 0.3171, 0.3122



6.4108, 0.3883, 0.1913



0.0830, 0.3515, 0.1710

Previews

White Background



This preview shows how the Yxy color 21.1759, 0.3231, 0.2912 looks on a white background.

Color Contrast Check

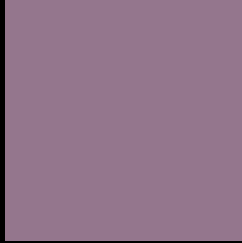
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.1759, 0.3231, 0.2912 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

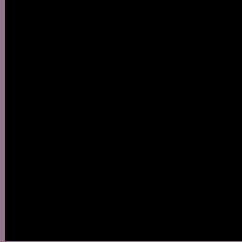
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 21.1759, 0.3231, 0.2912

Background



This preview shows how black text looks on a background with the Yxy color 21.1759, 0.3231, 0.2912.



This preview shows how white text looks on a background with the Yxy color 21.1759, 0.3231, 0.2912.

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

21.1759, 0.3231, 0.2912

Protanopia

21.2821, 0.2894, 0.2938

Deuteranopia

21.2953, 0.3058, 0.3012



Tritanopia

21.1289, 0.3347, 0.3139

Trichromacy



Original Color

21.1759, 0.3231, 0.2912

Protanomaly

21.1661, 0.3015, 0.2928

Deuteranomaly

21.2158, 0.3118, 0.2983

Tritanomaly

21.0902, 0.3313, 0.3056

Monochromacy



Original Color

21.1759, 0.3231, 0.2912

Achromatopsia

22.3228, 0.3127, 0.3290

Achromatomaly

21.9613, 0.3169, 0.3152

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.1759, 0.3231, 0.2912 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(148, 118, 141)` looks like.

```
.text, #text, p{  
    color:rgb(148, 118, 141)  
}
```

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(148, 118, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 118, 141) }
```

Border

The CSS property to change the border of an element to Yxy 21.1759, 0.3231, 0.2912 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(148, 118, 141) }
```

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

```
.border{ border-color:rgb(148, 118, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 118, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 118, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 118, 141);  
box-shadow:4px 4px 4px 4px rgb(148, 118,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 21.1759, 0.3231, 0.2912 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 118, 141) }
```

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

```
.background{ background-color: rgb(148,  
118, 141) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor