

Converting Colors

$Y_{xy}(21.0521, 0.3183, 0.2879)$

Have a look what the booklet for
Yxy(21.0521, 0.3183, 0.2879)
contains.

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Color

Yxy(21.0510, 0.3183, 0.2877)

Conversions

Conversions Part 1

Format	Color
Hex	92768F
RGB	146, 118, 143
RGB Percent	57%, 46%, 56%
CMY	0.4275, 0.5372, 0.4391
CMYK	0.00, 0.19, 0.02, 0.43
HSL	306°, 11%, 52%
HSV	306°, 19%, 57%
XYZ	23.2900, 21.0510, 28.8290
YIQ	129.2220, 8.6630, 13.7110

Conversions

Conversions Part 2

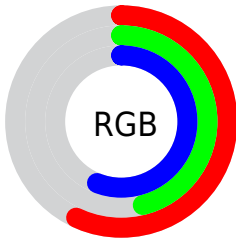
Format	Color
R_{YB}	146, 118, 143
Decimal	9598607
CIE _{Lab}	53.01, 15.45, -9.45
CIE _{LCh}	53, 18.108, 328.536
Yxy	21.0510, 0.3183, 0.2877
Android (android.graphics.Color)	4287788687 (0xFF92768F)
YUV	129.2220, 6.7926, 14.7143
Hunter-Lab	45.8814, 10.3166, -5.1372

Details

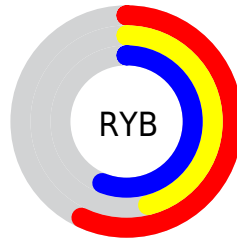
The Yxy color $21.0510, 0.3183, 0.2877$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $25.7866, 0.3076, 0.3741$, and the grayscale version is $22.0087, 0.3127, 0.3290$.

A 20% lighter version of the original color is $45.0600, 0.3169, 0.2958$, and $7.4795, 0.3193, 0.2706$ is the 20% darker color. If you saturate the color by 10%, you get $17.8286, 0.3217, 0.2657$, and if you desaturate by 10%, it is $24.8081, 0.3152, 0.3096$.

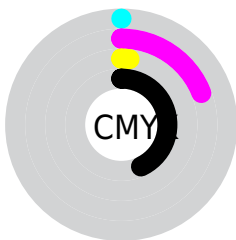
Distribution



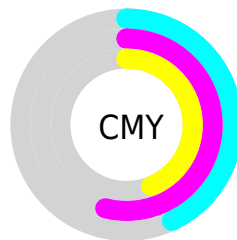
- Red (57%)
- Green (46%)
- Blue (56%)



- Red (57%)
- Yellow (46%)
- Blue (56%)



- Cyan (0%)
- Magenta (19%)
- Yellow (2%)
- Black (43%)





- Cyan (43%)
- Magenta (54%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 21.0510, 0.3183, 0.2877 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 21.0510, 0.3183, 0.2877 by changing the saturation by 10% instead.


 21.0510, 0.3183,
0.2877


 21.0510, 0.3183,
0.2877


257.5494, 0.3154,
0.3104


 13.1613, 0.3190,
0.2812


 45.1724, 0.3172,
0.2965

 7.5397, 0.3199,
0.2724


 62.1729, 0.3169,
0.2996

 3.8019, 0.3211,
0.2596

 82.9791, 0.3165,
0.3022

 1.5634, 0.3226,
0.2393

107.9753, 0.3162,
0.3044

 0.3327, 0.3381,
0.1623

137.5461, 0.3160,
0.3062

 0.0000, 0.0000,
0.0000

172.0758, 0.3158,

0.3078

211.9488, 0.3156,
0.3092

■ 21.0510, 0.3183,
0.2877

■ 21.0510, 0.3183,
0.2877

■ 17.8286, 0.3217,
0.2657

■ 24.8081, 0.3152,
0.3096

■ 15.1138, 0.3254,
0.2442

■ 29.1199, 0.3125,
0.3307

■ 12.8811, 0.3293,
0.2241

■ 34.0089, 0.3101,
0.3509

■ 11.1018, 0.3334,
0.2062

■ 39.4954, 0.3080,
0.3698

■ 9.7443, 0.3374,
0.1914

■ 45.5988, 0.3062,
0.3873

■ 8.7728, 0.3414,
0.1803

■ 52.3377, 0.3047,
0.4035

■ 8.1455, 0.3452,
0.1734

■ 59.7296, 0.3033,
0.4182

■ 7.7646, 0.3488,
0.1699

■ 67.7917, 0.3022,
0.4317

■ 7.7348, 0.3491,
0.1697

■ 76.5403, 0.3012,
0.4440

Harmonies

Analogous

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



21.0510, 0.2860, 0.2761



21.0510, 0.3183, 0.2877



21.0510, 0.3506, 0.3090

Triad

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



21.0510, 0.3183, 0.2877



21.0510, 0.3647, 0.3819



21.0510, 0.2559, 0.3175

Complementary

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



21.0510, 0.3183, 0.2877



25.7866, 0.3076, 0.3741

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.



21.0510, 0.2749, 0.3492



21.0510, 0.3183, 0.2877



21.0510, 0.3375, 0.3879

Square

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



21.0510, 0.3183, 0.2877



21.0510, 0.3781, 0.3621



21.0510, 0.3046, 0.3760



21.0510, 0.2513, 0.2913

Rectangle

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



21.0510, 0.3183, 0.2877



21.0510, 0.3672, 0.3265



21.0510, 0.3046, 0.3760



21.0510, 0.2607, 0.3279

Sweetspot

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



21.0519, 0.3183, 0.2877



45.9835, 0.3144, 0.3161



19.0839, 0.2852, 0.2788



10.1378, 0.3145, 0.3149



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



21.0519, 0.3183, 0.2877



34.5872, 0.3197, 0.2782



20.6585, 0.3349, 0.3101



5.8987, 0.3152, 0.3095



6.8096, 0.3489, 0.1696



0.0858, 0.3336, 0.1612

Inverse Universe

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



21.0519, 0.3183, 0.2877



34.5872, 0.3197, 0.2782



26.1502, 0.2948, 0.3487



5.8987, 0.3152, 0.3095



6.8096, 0.3489, 0.1696



0.0858, 0.3336, 0.1612

Previews

White Background



This preview shows how the Yxy color 21.0510, 0.3183, 0.2877 looks on a white background.

Color Contrast Check

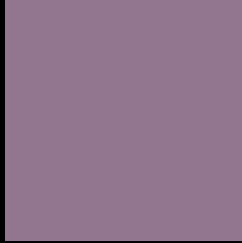
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.0510, 0.3183, 0.2877 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

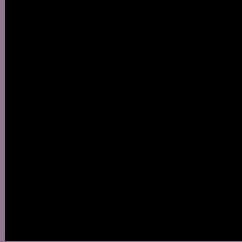
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 21.0510, 0.3183, 0.2877

Background



This preview shows how black text looks on a background with the Yxy color 21.0510, 0.3183, 0.2877.



This preview shows how white text looks on a background with the Yxy color 21.0510, 0.3183, 0.2877.

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

21.0510, 0.3183, 0.2877

Protanopia

21.1974, 0.2852, 0.2902

Deuteranopia

21.0244, 0.3025, 0.2960



Tritanopia

20.9739, 0.3310, 0.3120

Trichromacy



Original Color

21.0510, 0.3183, 0.2877

Protanomaly

21.0665, 0.2971, 0.2893

Deuteranomaly

20.9461, 0.3084, 0.2931

Tritanomaly

20.9627, 0.3264, 0.3021

Monochromacy



Original Color

21.0510, 0.3183, 0.2877

Achromatopsia

21.9526, 0.3127, 0.3290

Achromatomaly

21.5394, 0.3146, 0.3133

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.0510, 0.3183, 0.2877 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(146, 118, 143)` looks like.

```
.text, #text, p{  
    color:rgb(146, 118, 143)  
}
```

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(146, 118, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 118, 143) }
```

Border

The CSS property to change the border of an element to Yxy 21.0510, 0.3183, 0.2877 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(146, 118, 143) }
```

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

```
.border{ border-color:rgb(146, 118, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 118, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 118, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 118, 143);  
box-shadow:4px 4px 4px 4px rgb(146, 118,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 21.0510, 0.3183, 0.2877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 118, 143) }
```

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

```
.background{ background-color: rgb(146,  
118, 143) }
```

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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