

Converting Colors

$Y_{xy}(21.1588, 0.3056, 0.2611)$

Have a look what the booklet for
Yxy(21.1588, 0.3056, 0.2611)
contains.

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Color

Yxy(21.1197, 0.3051, 0.2609)

Conversions

Conversions Part 1

Format	Color
Hex	95739E
RGB	149, 115, 158
RGB Percent	58%, 45%, 62%
CMY	0.4157, 0.5490, 0.3803
CMYK	0.06, 0.27, 0.00, 0.38
HSL	287°, 18%, 54%
HSV	287°, 27%, 62%
XYZ	24.6977, 21.1197, 35.1320
YIQ	130.0680, 6.4610, 20.5810

Conversions

Conversions Part 2

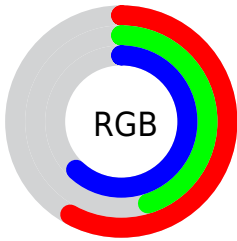
Format	Color
R _Y B	149, 115, 158
Decimal	9794462
CIE Lab	53.08, 21.30, -18.07
CIE LCh	53, 27.936, 319.691
Yxy	21.1197, 0.3051, 0.2609
Android (android.graphics.Color)	4287984542 (0xFF95739E)
YUV	130.0680, 13.7705, 16.6034
Hunter-Lab	45.9562, 15.5058, -13.1560

Details

The Yxy color **21.1197, 0.3051, 0.2609** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **29.9860, 0.3178, 0.4031**, and the grayscale version is **22.2978, 0.3127, 0.3290**.

A 20% lighter version of the original color is **45.2789, 0.3074, 0.2744**, and **7.5546, 0.3007, 0.2357** is the 20% darker color. If you saturate the color by 10%, you get **17.5129, 0.3013, 0.2350**, and if you desaturate by 10%, it is **25.3550, 0.3084, 0.2867**.

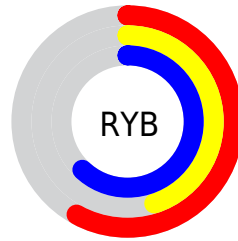
Distribution



Red (58%)

Green (45%)

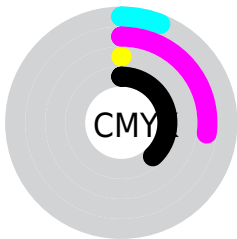
Blue (62%)



Red (58%)

Yellow (45%)

Blue (62%)

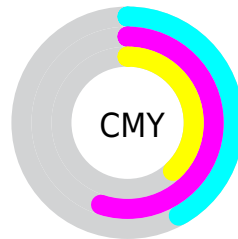


Cyan (6%)

Magenta (27%)

Yellow (0%)

Black (38%)



Cyan (42%)


Magenta (55%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 21.1197, 0.3051, 0.2609 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 21.1197, 0.3051, 0.2609 by changing the saturation by 10% instead.


 21.1197, 0.3051,
0.2609


 21.1197, 0.3051,
0.2609

257.9139, 0.3100,
0.2976


 13.2115, 0.3034,
0.2508


 45.2867, 0.3072,
0.2749


 7.5744, 0.3008,
0.2373


 62.3142, 0.3079,
0.2799

 3.8238, 0.2967,
0.2184

 83.1504, 0.3085,
0.2841

 1.5755, 0.2892,
0.1900

 108.1796, 0.3089,
0.2877

 0.3410, 0.2826,
0.1142

137.7861, 0.3093,
0.2907

 0.0000, 0.0000,
0.0000

172.3544, 0.3096,

0.2933

212.2689, 0.3098,
0.2956

■ 21.1197, 0.3051,
0.2609

■ 21.1197, 0.3051,
0.2609

■ 17.5129, 0.3013,
0.2350

■ 25.3550, 0.3084,
0.2867

■ 14.5003, 0.2969,
0.2099

■ 30.2454, 0.3111,
0.3117

■ 12.0484, 0.2921,
0.1865


■ 35.8192, 0.3133,
0.3354

■ 10.1193, 0.2869,
0.1659


■ 42.1024, 0.3151,
0.3576

■ 8.6703, 0.2814,
0.1489


■ 49.1194, 0.3164,
0.3781

 7.6520, 0.2759,
0.1362


 56.8937, 0.3175,
0.3969

 6.9845, 0.2704,
0.1277

 65.4476, 0.3183,
0.4139

 6.8198, 0.2689,
0.1255

 74.8024, 0.3188,
0.4294

 83.5530, 0.3195,
0.4413

Harmonies

Analogous

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



21.1197, 0.2593, 0.2485



21.1197, 0.3051, 0.2609



21.1197, 0.3569, 0.2881

Triad

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



21.1197, 0.3051, 0.2609



21.1197, 0.4005, 0.4008



21.1197, 0.2332, 0.3238

Complementary

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



21.1197, 0.3051, 0.2609



29.9860, 0.3178, 0.4031

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.



21.1197, 0.2664, 0.3748



21.1197, 0.3051, 0.2609



21.1197, 0.3629, 0.4205

Square

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



21.1197, 0.3051, 0.2609



21.1197, 0.4144, 0.3653



21.1197, 0.3137, 0.4123



21.1197, 0.2206, 0.2800

Rectangle

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



21.1197, 0.3051, 0.2609



21.1197, 0.3868, 0.3121



21.1197, 0.3137, 0.4123



21.1197, 0.2422, 0.3409

Sweetspot

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



21.1206, 0.3051, 0.2609



54.0295, 0.3108, 0.3094



20.6107, 0.2684, 0.2699



11.8787, 0.3105, 0.3059



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



21.1206, 0.3051, 0.2609



34.0110, 0.3027, 0.2442



21.6034, 0.3301, 0.2807



6.6843, 0.3106, 0.3067



5.4775, 0.2694, 0.1258



0.1142, 0.2914, 0.1379

Inverse Universe

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



20.9891, 0.3578, 0.3145



33.7789, 0.3726, 0.3109



29.6434, 0.2989, 0.3828



6.6678, 0.3253, 0.3243



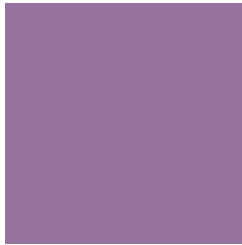
5.9153, 0.6003, 0.3081



0.1111, 0.5073, 0.2568

Previews

White Background



This preview shows how the Yxy color 21.1197, 0.3051, 0.2609 looks on a white background.

Color Contrast Check

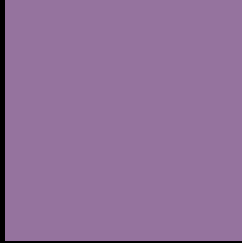
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.1197, 0.3051, 0.2609 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

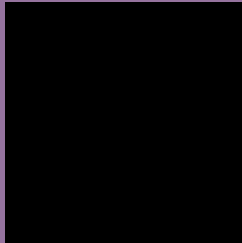
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 21.1197, 0.3051, 0.2609

Background



This preview shows how black text looks on a background with the Yxy color 21.1197, 0.3051, 0.2609.



This preview shows how white text looks on a background with the Yxy color 21.1197, 0.3051, 0.2609.

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

21.1197, 0.3051, 0.2609

Protanopia

21.1334, 0.2626, 0.2591

Deuteranopia

21.1007, 0.2794, 0.2740



Tritanopia

21.0644, 0.3322, 0.3121

Trichromacy



Original Color

21.1197, 0.3051, 0.2609

Protanomaly

20.9083, 0.2767, 0.2589

Deuteranomaly

21.0956, 0.2880, 0.2688

Tritanomaly

20.9613, 0.3218, 0.2925

Monochromacy



Original Color

21.1197, 0.3051, 0.2609

Achromatopsia

22.3228, 0.3127, 0.3290

Achromatomaly

21.8790, 0.3104, 0.3034

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.1197, 0.3051, 0.2609 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(149, 115, 158)` looks like.

```
.text, #text, p{  
    color:rgb(149, 115, 158)  
}
```

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(149, 115, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 115, 158) }
```

Border

The CSS property to change the border of an element to Yxy 21.1197, 0.3051, 0.2609 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(149, 115, 158) }
```

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

```
.border{ border-color:rgb(149, 115, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 115, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(149, 115, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(149, 115, 158); box-shadow:4px 4px 4px 4px rgb(149, 115, 158) }
```


Background

The CSS property to change the background color of an element to Yxy 21.1197, 0.3051, 0.2609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 115, 158) }
```

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

```
.background{ background-color: rgb(149,  
115, 158) }
```

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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