

Converting Colors

$Y_{xy}(25.0388, 0.2994, 0.2884)$

Have a look what the booklet for
Yxy(25.0388, 0.2994, 0.2884)
contains.

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Color

Yxy(25.1730, 0.2993, 0.2891)

Conversions

Conversions Part 1

Format	Color
Hex	90859E
RGB	144, 133, 158
RGB Percent	56%, 52%, 62%
CMY	0.4353, 0.4784, 0.3803
CMYK	0.09, 0.16, 0.00, 0.38
HSL	266°, 11%, 57%
HSV	266°, 16%, 62%
XYZ	26.0612, 25.1730, 35.8395
YIQ	139.1390, -1.4690, 10.1070

Conversions

Conversions Part 2

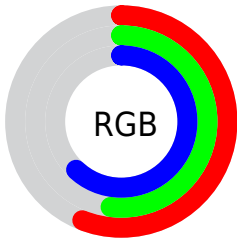
Format	Color
R_{YB}	144, 133, 158
Decimal	9471390
CIE _{Lab}	57.24, 9.12, -11.81
CIE _{LCh}	57, 14.923, 307.692
Yxy	25.1730, 0.2993, 0.2891
Android (android.graphics.Color)	4287661470 (0xFF90859E)
YUV	139.1390, 9.2985, 4.2631
Hunter-Lab	50.1727, 4.9158, -7.2313

Details

The Yxy color $25.1730, 0.2993, 0.2891$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $32.3574, 0.3246, 0.3686$, and the grayscale version is $25.8396, 0.3127, 0.3290$.

A 20% lighter version of the original color is $51.9277, 0.3021, 0.2968$, and $9.5752, 0.2927, 0.2732$ is the 20% darker color. If you saturate the color by 10%, you get $20.4014, 0.2891, 0.2613$, and if you desaturate by 10%, it is $30.6602, 0.3082, 0.3149$.

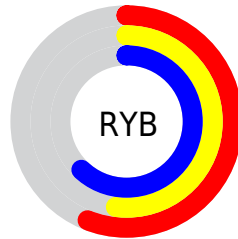
Distribution



Red (56%)

Green (52%)

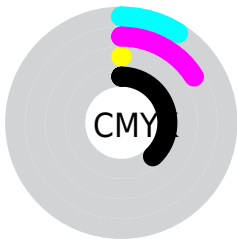
Blue (62%)



Red (56%)

Yellow (52%)

Blue (62%)

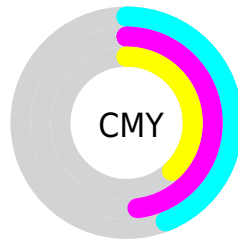


Cyan (9%)

Magenta (16%)

Yellow (0%)

Black (38%)



Cyan (44%)

Magenta (48%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.1730, 0.2993, 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 25.1730, 0.2993, 0.2891 by changing the saturation by 10% instead.

■ 25.1730, 0.2993,
0.2891

■ 25.1730, 0.2993,
0.2891

278.6984, 0.3068,
0.3106

■ 16.2060, 0.2971,
0.2832

■ 51.9377, 0.3023,
0.2973

■ 9.6700, 0.2940,
0.2752

■ 70.5043, 0.3033,
0.3003

■ 5.1807, 0.2895,
0.2639

■ 93.0394, 0.3042,
0.3027

■ 2.3537, 0.2822,
0.2467

119.9276, 0.3049,
0.3048

■ 0.8019, 0.2687,
0.2170

151.5532, 0.3055,
0.3066

■ 0.0000, 0.0000,
0.0000

188.3006, 0.3060,

0.3081

230.5542, 0.3065,
0.3094

■ 25.1730, 0.2993,
0.2891

■ 25.1730, 0.2993,
0.2891

■ 20.4014, 0.2891,
0.2613

■ 30.6602, 0.3082,
0.3149

■ 16.3117, 0.2776,
0.2320

■ 36.8884, 0.3157,
0.3386

■ 12.8725, 0.2648,
0.2021

■ 43.8856, 0.3222,
0.3600

■ 10.0483, 0.2510,
0.1727

■ 51.6773, 0.3276,
0.3791

■ 7.8003, 0.2368,
0.1452

■ 60.2880, 0.3321,
0.3963

6.0849, 0.2226,
0.1212

69.7409, 0.3359,
0.4115

4.8522, 0.2091,
0.1020

80.0584, 0.3390,
0.4250

4.0346, 0.1970,
0.0883

88.4127, 0.3426,
0.4333

3.7511, 0.1923,
0.0833

89.7886, 0.3486,
0.4312

Harmonies

Analogous

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



25.1730, 0.2778, 0.2868



25.1730, 0.2993, 0.2891



25.1730, 0.3252, 0.3010

Triad

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



25.1730, 0.2993, 0.2891



25.1730, 0.3617, 0.3608



25.1730, 0.2777, 0.3373

Complementary

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



25.1730, 0.2993, 0.2891



32.3574, 0.3246, 0.3686

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.



25.1730, 0.2990, 0.3597



25.1730, 0.2993, 0.2891



25.1730, 0.3477, 0.3729

Square

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



25.1730, 0.2993, 0.2891



25.1730, 0.3621, 0.3412



25.1730, 0.3246, 0.3729



25.1730, 0.2657, 0.3135

Rectangle

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



25.1730, 0.2993, 0.2891



25.1730, 0.3415, 0.3129



25.1730, 0.3246, 0.3729



25.1730, 0.2839, 0.3454

Sweetspot

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



25.1741, 0.2993, 0.2891



56.4479, 0.3087, 0.3168



28.3783, 0.2887, 0.3114



12.5667, 0.3082, 0.3151



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.



25.1741, 0.2993, 0.2891



42.4916, 0.2958, 0.2795



26.3477, 0.3127, 0.2907



6.5707, 0.3053, 0.3064



3.0263, 0.1931, 0.0838



0.0787, 0.2395, 0.1093

Inverse Universe

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



26.1538, 0.3262, 0.3073



44.6373, 0.3297, 0.3022



31.2760, 0.3124, 0.3701



6.7053, 0.3201, 0.3165



6.4015, 0.4667, 0.2345



0.1229, 0.3959, 0.1955

Previews

White Background



This preview shows how the Yxy color 25.1730, 0.2993, 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 25.1730, 0.2993, 0.2891 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

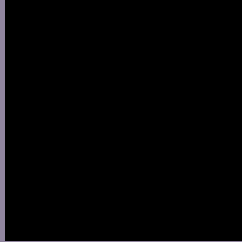
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.1730, 0.2993, 0.2891

Background



This preview shows how black text looks on a background with the Yxy color 25.1730, 0.2993, 0.2891.



This preview shows how white text looks on a background with the Yxy color 25.1730, 0.2993, 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

25.1730, 0.2993, 0.2891

Protanopia

25.1329, 0.2861, 0.2897

Deuteranopia

25.1815, 0.2961, 0.2904



Tritanopia

25.1541, 0.3091, 0.3110

Trichromacy



Original Color

25.1730, 0.2993, 0.2891

Protanomaly

25.1495, 0.2911, 0.2900

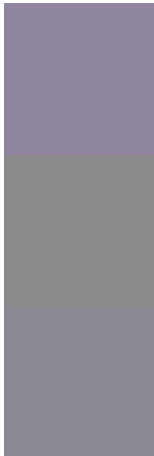
Deuteranomaly

25.2696, 0.2972, 0.2905

Tritanomaly

25.0918, 0.3062, 0.3030

Monochromacy



Original Color

25.1730, 0.2993, 0.2891

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

25.6294, 0.3080, 0.3142

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.1730, 0.2993, 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(144, 133, 158)` looks like.

```
.text, #text, p{  
    color:rgb(144, 133, 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(144, 133, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 133, 158) }
```

Border

The CSS property to change the border of an element to Yxy 25.1730, 0.2993, 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(144, 133, 158) }
```

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

```
.border{ border-color:rgb(144, 133, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 133, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 133, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 133, 158);  
box-shadow:4px 4px 4px 4px rgb(144, 133,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 25.1730, 0.2993, 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(144, 133, 158) }
```

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

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