

Converting Colors

$Y_{xy}(25.5903, 0.3033, 0.2985)$

Have a look what the booklet for
Yxy(25.5903, 0.3033, 0.2985)
contains.

Yxy(25.5903, 0.3033, 0.2985)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(25.5903, 0.3033, 0.2985)

Conversions

Conversions Part 1

Format	Color
Hex	90879A
RGB	144, 135, 154
RGB Percent	56%, 53%, 60%
CMY	0.4352, 0.4706, 0.3961
CMYK	0.06, 0.12, 0.00, 0.40
HSL	269°, 9%, 57%
HSV	269°, 12%, 60%
XYZ	26.0018, 25.5903, 34.1375
YIQ	139.8570, -0.7350, 7.8170

Conversions

Conversions Part 2

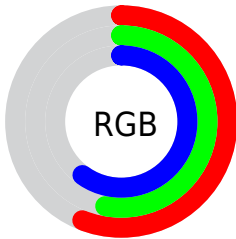
Format	Color
R_{YB}	144, 135, 154
Decimal	9471898
CIE _{Lab}	57.65, 7.14, -8.89
CIE _{LCh}	58, 11.406, 308.769
Yxy	25.5903, 0.3033, 0.2985
Android (android.graphics.Color)	4287661978 (0xFF90879A)
YUV	139.8570, 6.9725, 3.6334
Hunter-Lab	50.5869, 3.2226, -4.5999

Details

The Yxy color $25.5903, 0.3033, 0.2985$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $30.8738, 0.3213, 0.3594$, and the grayscale version is $26.1416, 0.3127, 0.3290$.

A 20% lighter version of the original color is $52.5263, 0.3058, 0.3050$, and $9.8560, 0.3001, 0.2868$ is the 20% darker color. If you saturate the color by 10%, you get $20.8993, 0.2943, 0.2716$, and if you desaturate by 10%, it is $30.9570, 0.3111, 0.3235$.

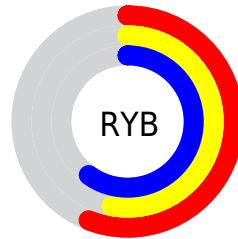
Distribution



Red (56%)

Green (53%)

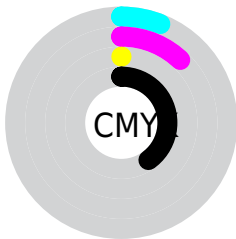
Blue (60%)



Red (56%)

Yellow (53%)

Blue (60%)

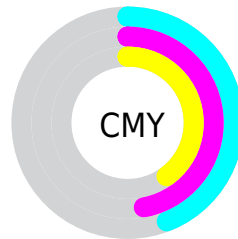


Cyan (6%)

Magenta (12%)

Yellow (0%)

Black (40%)



Cyan (44%)

Magenta (47%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.5903, 0.3033, 0.2985 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 25.5903, 0.3033, 0.2985 by changing the saturation by 10% instead.

■ 25.5903, 0.3033,
0.2985

■ 25.5903, 0.3033,
0.2985

280.7651, 0.3086,
0.3150

■ 16.5174, 0.3018,
0.2939

■ 52.6133, 0.3054,
0.3048

■ 9.8910, 0.2996,
0.2877

■ 71.3321, 0.3061,
0.3071

■ 5.3268, 0.2965,
0.2789

■ 94.0350, 0.3067,
0.3090

■ 2.4402, 0.2914,
0.2654

121.1065, 0.3072,
0.3106

■ 0.8465, 0.2819,
0.2418

152.9308, 0.3076,
0.3119

■ 0.0000, 0.0000,
0.0000

189.8924, 0.3080,

0.3131

232.3757, 0.3083,
0.3141

■ 25.5903, 0.3033,
0.2985

■ 25.5903, 0.3033,
0.2985

■ 20.8993, 0.2943,
0.2716

■ 30.9570, 0.3111,
0.3235

■ 16.8532, 0.2840,
0.2431

■ 37.0222, 0.3177,
0.3463

■ 13.4233, 0.2725,
0.2138

■ 43.8115, 0.3233,
0.3669

■ 10.5778, 0.2599,
0.1846

■ 51.3485, 0.3279,
0.3855

■ 8.2817, 0.2466,
0.1569

■ 59.6553, 0.3318,
0.4020

6.4961, 0.2331,
0.1321

68.7533, 0.3351,
0.4168

5.1770, 0.2199,
0.1115

78.6633, 0.3377,
0.4300

4.2722, 0.2077,
0.0962

87.3532, 0.3406,
0.4390

3.7593, 0.1991,
0.0870

88.5581, 0.3460,
0.4370

Harmonies

Analogous

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



25.5903, 0.2866, 0.2966



25.5903, 0.3033, 0.2985



25.5903, 0.3231, 0.3079

Triad

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



25.5903, 0.3033, 0.2985



25.5903, 0.3497, 0.3539



25.5903, 0.2855, 0.3348

Complementary

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



25.5903, 0.3033, 0.2985



30.8738, 0.3213, 0.3594

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.



25.5903, 0.3017, 0.3516



25.5903, 0.3033, 0.2985



25.5903, 0.3389, 0.3625

Square

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



25.5903, 0.3033, 0.2985



25.5903, 0.3503, 0.3392



25.5903, 0.3212, 0.3619



25.5903, 0.2766, 0.3169

Rectangle

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



25.5903, 0.3033, 0.2985



25.5903, 0.3352, 0.3173



25.5903, 0.3212, 0.3619



25.5903, 0.2903, 0.3408

Sweetspot

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



25.5914, 0.3033, 0.2985



54.4525, 0.3098, 0.3193



27.7730, 0.2941, 0.3145



12.1613, 0.3093, 0.3175



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



25.5914, 0.3033, 0.2985



43.8419, 0.3008, 0.2907



26.4666, 0.3134, 0.2994



6.1632, 0.3059, 0.3065



3.0842, 0.1999, 0.0875



0.0676, 0.2482, 0.1141

Inverse Universe

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



26.2387, 0.3236, 0.3133



45.2848, 0.3266, 0.3094



30.0612, 0.3119, 0.3603



6.2741, 0.3206, 0.3174



6.0853, 0.4812, 0.2425



0.0983, 0.3997, 0.1976

Previews

White Background



This preview shows how the Yxy color 25.5903, 0.3033, 0.2985 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 25.5903, 0.3033, 0.2985 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

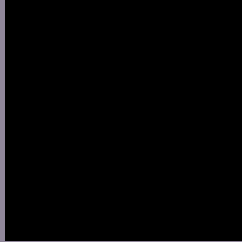
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.5903, 0.3033, 0.2985

Background



This preview shows how black text looks on a background with the Yxy color 25.5903, 0.3033, 0.2985.



This preview shows how white text looks on a background with the Yxy color 25.5903, 0.3033, 0.2985.

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

25.5903, 0.3033, 0.2985

Protanopia

25.5259, 0.2929, 0.2979

Deuteranopia

25.6808, 0.3043, 0.2986



Tritanopia

25.5545, 0.3092, 0.3111

Trichromacy



Original Color

25.5903, 0.3033, 0.2985

Protanomaly

25.4638, 0.2970, 0.2981

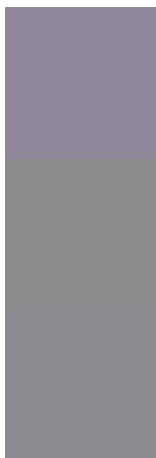
Deuteranomaly

25.6808, 0.3043, 0.2986

Tritanomaly

25.6500, 0.3061, 0.3063

Monochromacy



Original Color

25.5903, 0.3033, 0.2985

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

25.8840, 0.3089, 0.3175

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.5903, 0.3033, 0.2985 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, 135, 154)` looks like.

```
.text, #text, p{  
    color:rgb(144, 135, 154)  
}
```

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, 135, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 135, 154) }
```

Border

The CSS property to change the border of an element to Yxy 25.5903, 0.3033, 0.2985 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, 135, 154) }
```

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

```
.border{ border-color:rgb(144, 135, 154) }
```

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

Here you see how a box with a 4 pixel rgb(144, 135, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 135, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 135, 154);  
box-shadow:4px 4px 4px 4px rgb(144, 135,  
154) }
```


Background

The CSS property to change the background color of an element to Yxy 25.5903, 0.3033, 0.2985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 135, 154) }
```

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

```
.background{ background-color: rgb(144,  
135, 154) }
```

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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