

Converting Colors

$Y_{xy}(25.4490, 0.3046, 0.2999)$

Have a look what the booklet for
Yxy(25.4490, 0.3046, 0.2999)
contains.

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Color

Yxy(25.5571, 0.3043, 0.3000)

Conversions

Conversions Part 1

Format	Color
Hex	908799
RGB	144, 135, 153
RGB Percent	56%, 53%, 60%
CMY	0.4351, 0.4707, 0.3999
CMYK	0.06, 0.12, 0.00, 0.40
HSL	270°, 8%, 56%
HSV	270°, 12%, 60%
XYZ	25.9234, 25.5571, 33.7098
YIQ	139.7430, -0.4140, 7.5060

Conversions

Conversions Part 2

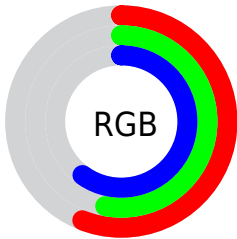
Format	Color
R_{YB}	144, 135, 153
Decimal	9471897
CIE _{Lab}	57.61, 6.95, -8.38
CIE _{LCh}	58, 10.888, 309.690
Yxy	25.5571, 0.3043, 0.3000
Android (android.graphics.Color)	4287661977 (0xFF908799)
YUV	139.7430, 6.5357, 3.7334
Hunter-Lab	50.5540, 3.0628, -4.1472

Details

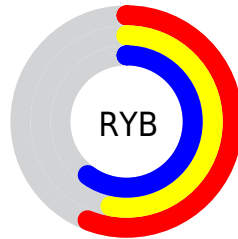
The Yxy color $25.5571, 0.3043, 0.3000$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $30.4603, 0.3204, 0.3580$, and the grayscale version is $26.0982, 0.3127, 0.3290$.

A 20% lighter version of the original color is $52.4772, 0.3065, 0.3062$, and $9.8360, 0.3016, 0.2891$ is the 20% darker color. If you saturate the color by 10%, you get $20.9294, 0.2959, 0.2733$, and if you desaturate by 10%, it is $30.8468, 0.3115, 0.3248$.

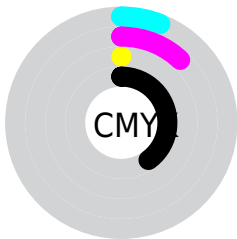
Distribution



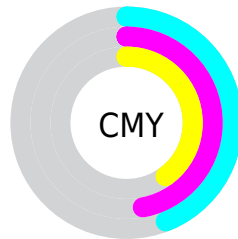
- Red (56%)
- Green (53%)
- Blue (60%)



- 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 25.5571, 0.3043, 0.3000 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 25.5571, 0.3043, 0.3000 by changing the saturation by 10% instead.


 25.5571, 0.3043,
0.3000


 25.5571, 0.3043,
0.3000


280.6011, 0.3090,
0.3157


 16.4926, 0.3029,
0.2956


 52.5596, 0.3062,
0.3060

 9.8734, 0.3010,
0.2897


 71.2663, 0.3068,
0.3082

 5.3151, 0.2982,
0.2813

 93.9560, 0.3073,
0.3100

 2.4333, 0.2936,
0.2683

121.0129, 0.3078,
0.3115

 0.8429, 0.2850,
0.2457

152.8214, 0.3082,
0.3128

 0.0000, 0.0000,
0.0000

189.7661, 0.3085,

0.3139

232.2312, 0.3088,
0.3148

■ 25.5571, 0.3043,
0.3000

■ 25.5571, 0.3043,
0.3000

■ 20.9294, 0.2959,
0.2733

■ 30.8468, 0.3115,
0.3248

■ 16.9334, 0.2862,
0.2451

■ 36.8205, 0.3177,
0.3475

■ 13.5414, 0.2754,
0.2162

■ 43.5033, 0.3229,
0.3681

■ 10.7221, 0.2635,
0.1874

■ 50.9182, 0.3272,
0.3866

■ 8.4417, 0.2509,
0.1600

■ 59.0868, 0.3308,
0.4032

6.6622, 0.2380,
0.1355

68.0300, 0.3337,
0.4180

5.3409, 0.2253,
0.1150

77.7680, 0.3362,
0.4312

4.4273, 0.2134,
0.0997

86.7818, 0.3387,
0.4409

3.8778, 0.2044,
0.0899

87.8885, 0.3437,
0.4391

Harmonies

Analogous

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



25.5571, 0.2881, 0.2980



25.5571, 0.3043, 0.3000



25.5571, 0.3232, 0.3092

Triad

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



25.5571, 0.3043, 0.3000



25.5571, 0.3478, 0.3532



25.5571, 0.2863, 0.3340

Complementary

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



25.5571, 0.3043, 0.3000



30.4603, 0.3204, 0.3580

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.



25.5571, 0.3017, 0.3501



25.5571, 0.3043, 0.3000



25.5571, 0.3373, 0.3611

Square

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



25.5571, 0.3043, 0.3000



25.5571, 0.3487, 0.3393



25.5571, 0.3203, 0.3602



25.5571, 0.2780, 0.3170

Rectangle

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



25.5571, 0.3043, 0.3000



25.5571, 0.3347, 0.3183



25.5571, 0.3203, 0.3602



25.5571, 0.2908, 0.3398

Sweetspot

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



25.5582, 0.3043, 0.3000



52.9511, 0.3100, 0.3193



27.3963, 0.2949, 0.3142



11.5403, 0.3095, 0.3176



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



25.5582, 0.3043, 0.3000



43.5875, 0.3023, 0.2935



26.3976, 0.3140, 0.3009



6.1713, 0.3063, 0.3065



3.2242, 0.2051, 0.0903



0.0698, 0.2527, 0.1165

Inverse Universe

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



26.1090, 0.3235, 0.3148



44.7728, 0.3262, 0.3117



29.6857, 0.3113, 0.3588



6.2713, 0.3210, 0.3180



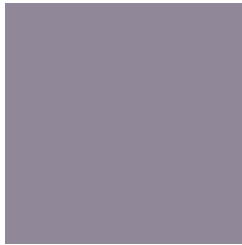
6.0354, 0.4926, 0.2487



0.0976, 0.4063, 0.2012

Previews

White Background



This preview shows how the Yxy color 25.5571, 0.3043, 0.3000 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 25.5571, 0.3043, 0.3000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

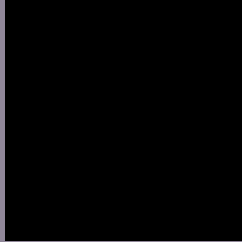
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.5571, 0.3043, 0.3000

Background



This preview shows how black text looks on a background with the Yxy color 25.5571, 0.3043, 0.3000.



This preview shows how white text looks on a background with the Yxy color 25.5571, 0.3043, 0.3000.

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

25.5571, 0.3043, 0.3000

Protanopia

25.4921, 0.2939, 0.2995

Deuteranopia

25.6476, 0.3053, 0.3001



Tritanopia

25.5545, 0.3092, 0.3111

Trichromacy



Original Color

25.5571, 0.3043, 0.3000

Protanomaly

25.4304, 0.2979, 0.2997

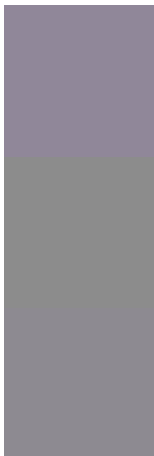
Deuteranomaly

25.6476, 0.3053, 0.3001

Tritanomaly

25.6179, 0.3071, 0.3079

Monochromacy



Original Color

25.5571, 0.3043, 0.3000

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 25.5571, 0.3043, 0.3000 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, 153)` looks like.

```
.text, #text, p{  
    color:rgb(144, 135, 153)  
}
```

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, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 135, 153) }
```

Border

The CSS property to change the border of an element to Yxy 25.5571, 0.3043, 0.3000 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, 153) }
```

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

```
.border{ border-color:rgb(144, 135, 153) }
```

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, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(144, 135, 153); -webkit-box-shadow:4px 4px 4px 4px rgb(144, 135, 153); box-shadow:4px 4px 4px 4px rgb(144, 135, 153) }
```


Background

The CSS property to change the background color of an element to Yxy 25.5571, 0.3043, 0.3000 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, 153) }
```

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

```
.background{ background-color: rgb(144,  
135, 153) }
```

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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