

Converting Colors

$Y_{xy}(25.1591, 0.3182, 0.2975)$

Have a look what the booklet for
Yxy(25.1591, 0.3182, 0.2975)
contains.

Yxy(25.0373, 0.3187, 0.2976)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(25.0373, 0.3187, 0.2976)

Conversions

Conversions Part 1

Format	Color
Hex	9A8296
RGB	154, 130, 150
RGB Percent	60%, 51%, 59%
CMY	0.3962, 0.4902, 0.4117
CMYK	0.00, 0.16, 0.03, 0.40
HSL	310°, 11%, 56%
HSV	310°, 16%, 60%
XYZ	26.8125, 25.0373, 32.2810
YIQ	139.4560, 7.8840, 11.3080

Conversions

Conversions Part 2

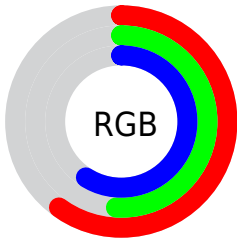
Format	Color
RYB	154, 130, 150
Decimal	10125974
CIELab	57.11, 12.78, -7.31
CIELCh	57, 14.724, 330.255
Yxy	25.0373, 0.3187, 0.2976
Android (android.graphics.Color)	4288316054 (0xFF9A8296)
YUV	139.4560, 5.1982, 12.7551
Hunter-Lab	50.0373, 8.0839, -3.2241

Details

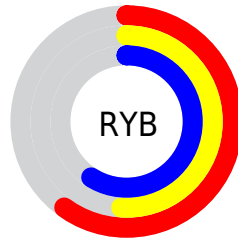
The Yxy color $25.0373, 0.3187, 0.2976$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $29.5721, 0.3073, 0.3626$, and the grayscale version is $25.9812, 0.3127, 0.3290$.

A 20% lighter version of the original color is $51.7819, 0.3181, 0.3043$, and $9.6693, 0.3215, 0.2881$ is the 20% darker color. If you saturate the color by 10%, you get $21.1625, 0.3232, 0.2768$, and if you desaturate by 10%, it is $29.5291, 0.3147, 0.3180$.

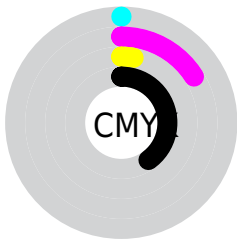
Distribution



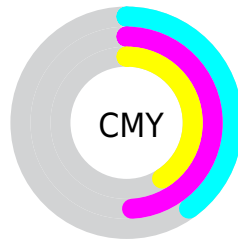
- Red (60%)
- Green (51%)
- Blue (59%)



- Red (60%)
- Yellow (51%)
- Blue (59%)



- Cyan (0%)
- Magenta (16%)
- Yellow (3%)
- Black (40%)





- Cyan (40%)
- Magenta (49%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.0373, 0.3187, 0.2976 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 25.0373, 0.3187, 0.2976 by changing the saturation by 10% instead.


 25.0373, 0.3187,
0.2976


 25.0373, 0.3187,
0.2976


278.0236, 0.3156,
0.3145

 16.1048, 0.3195,
0.2929


 51.7177, 0.3175,
0.3041

 9.5984, 0.3206,
0.2866


 70.2345, 0.3171,
0.3064

 5.1335, 0.3221,
0.2776


 92.7148, 0.3167,
0.3084

 2.3258, 0.3242,
0.2637

119.5431, 0.3164,
0.3100

 0.7873, 0.3278,
0.2390

151.1037, 0.3162,
0.3114

 0.0000, 0.0479,
0.0000

187.7811, 0.3160,

 0.0000, 0.0000,

0.3126

0.0000

229.9596, 0.3158,
0.3136

■ 25.0373, 0.3187,
0.2976

■ 25.0373, 0.3187,
0.2976

■ 21.1625, 0.3232,
0.2768

■ 29.5291, 0.3147,
0.3180

■ 17.8743, 0.3283,
0.2561

■ 34.6601, 0.3112,
0.3375

■ 15.1445, 0.3338,
0.2364

■ 40.4554, 0.3083,
0.3560

■ 12.9416, 0.3398,
0.2184

■ 46.9378, 0.3057,
0.3732

■ 11.2305, 0.3460,
0.2031

■ 54.1289, 0.3035,
0.3891

■ 9.9723, 0.3523,
0.1913

■ 62.0496, 0.3017,
0.4037

■ 9.1219, 0.3584,
0.1838

■ 70.7196, 0.3002,
0.4171

■ 8.6187, 0.3643,
0.1804

■ 80.1582, 0.2989,
0.4293

■ 8.4406, 0.3670,
0.1795

■ 81.4027, 0.2976,
0.4279

Harmonies

Analogous

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



25.0373, 0.2935, 0.2880



25.0373, 0.3187, 0.2976



25.0373, 0.3431, 0.3147

Triad

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



25.0373, 0.3187, 0.2976



25.0373, 0.3518, 0.3704



25.0373, 0.2681, 0.3192

Complementary

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



25.0373, 0.3187, 0.2976



29.5721, 0.3073, 0.3626

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.



25.0373, 0.2826, 0.3432



25.0373, 0.3187, 0.2976



25.0373, 0.3306, 0.3737

Square

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



25.0373, 0.3187, 0.2976



25.0373, 0.3626, 0.3561



25.0373, 0.3053, 0.3637



25.0373, 0.2652, 0.2993

Rectangle

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



25.0373, 0.3187, 0.2976



25.0373, 0.3552, 0.3286



25.0373, 0.3053, 0.3637



25.0373, 0.2718, 0.3271

Sweetspot

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



25.0384, 0.3187, 0.2976



54.0665, 0.3145, 0.3189



23.3360, 0.2921, 0.2890



12.1080, 0.3148, 0.3176



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.



25.0384, 0.3187, 0.2976



42.6820, 0.3204, 0.2897



24.6824, 0.3315, 0.3156



6.3061, 0.3161, 0.3106



6.8830, 0.3665, 0.1793



0.1070, 0.3434, 0.1666

Inverse Universe

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



25.0384, 0.3187, 0.2976



42.6820, 0.3204, 0.2897



29.9143, 0.2970, 0.3428



6.3061, 0.3161, 0.3106



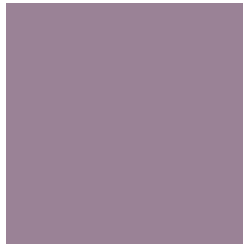
6.8830, 0.3665, 0.1793



0.1070, 0.3434, 0.1666

Previews

White Background



This preview shows how the Yxy color 25.0373, 0.3187, 0.2976 looks on a white background.

Color Contrast Check

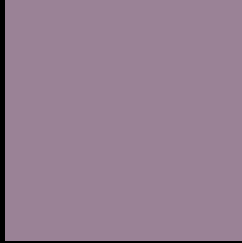
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.0373, 0.3187, 0.2976 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

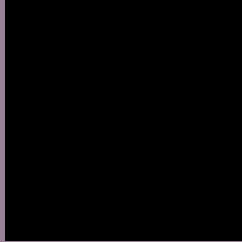
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.0373, 0.3187, 0.2976

Background



This preview shows how black text looks on a background with the Yxy color 25.0373, 0.3187, 0.2976.



This preview shows how white text looks on a background with the Yxy color 25.0373, 0.3187, 0.2976.

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

25.0373, 0.3187, 0.2976

Protanopia

25.0923, 0.2938, 0.2993

Deuteranopia

24.9647, 0.3095, 0.3031



Tritanopia

24.9579, 0.3262, 0.3115

Trichromacy



Original Color

25.0373, 0.3187, 0.2976

Protanomaly

25.1009, 0.3021, 0.2982

Deuteranomaly

24.9684, 0.3129, 0.3017

Tritanomaly

25.0492, 0.3229, 0.3068

Monochromacy



Original Color

25.0373, 0.3187, 0.2976

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

25.5208, 0.3144, 0.3176

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.0373, 0.3187, 0.2976 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(154, 130, 150)` looks like.

```
.text, #text, p{  
    color:rgb(154, 130, 150)  
}
```

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(154, 130, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 130, 150) }
```

Border

The CSS property to change the border of an element to Yxy 25.0373, 0.3187, 0.2976 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(154, 130, 150) }
```

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

```
.border{ border-color:rgb(154, 130, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 130, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 130, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 130, 150);  
box-shadow:4px 4px 4px 4px rgb(154, 130,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 25.0373, 0.3187, 0.2976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 130, 150) }
```

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

```
.background{ background-color: rgb(154,  
130, 150) }
```

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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