

Converting Colors

$Y_{xy}(23.6049, 0.3089, 0.2922)$

Have a look what the booklet for
Yxy(23.6049, 0.3089, 0.2922)
contains.

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Color

Yxy(23.6601, 0.3087, 0.2933)

Conversions

Conversions Part 1

Format	Color
Hex	918096
RGB	145, 128, 150
RGB Percent	57%, 50%, 59%
CMY	0.4313, 0.4980, 0.4118
CMYK	0.03, 0.15, 0.00, 0.41
HSL	286°, 9%, 55%
HSV	286°, 15%, 59%
XYZ	24.9024, 23.6601, 32.1061
YIQ	135.5910, 3.0700, 10.4460

Conversions

Conversions Part 2

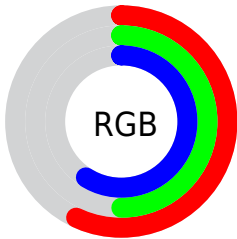
Format	Color
RYB	145, 128, 150
Decimal	9535638
CIELab	55.75, 10.69, -9.42
CIELCh	56, 14.249, 318.623
Yxy	23.6601, 0.3087, 0.2933
Android (android.graphics.Color)	4287725718 (0xFF918096)
YUV	135.5910, 7.1036, 8.2517
Hunter-Lab	48.6416, 6.2613, -5.0854

Details

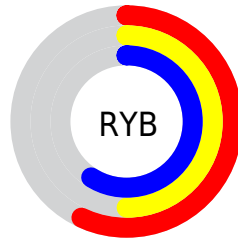
The Yxy color $23.6601, 0.3087, 0.2933$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $28.3548, 0.3160, 0.3662$, and the grayscale version is $24.4328, 0.3127, 0.3290$.

A 20% lighter version of the original color is $49.5495, 0.3098, 0.3012$, and $8.8725, 0.3064, 0.2813$ is the 20% darker color. If you saturate the color by 10%, you get $19.7290, 0.3053, 0.2677$, and if you desaturate by 10%, it is $28.1809, 0.3116, 0.3180$.

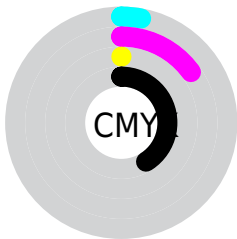
Distribution



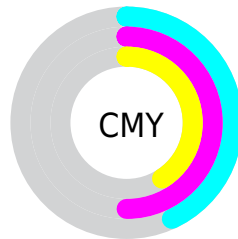
- Red (57%)
- Green (50%)
- Blue (59%)



- Red (57%)
- Yellow (50%)
- Blue (59%)



- Cyan (3%)
- Magenta (15%)
- Yellow (0%)
- Black (41%)




- Cyan (43%)
- Magenta (50%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.6601, 0.3087, 0.2933 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 23.6601, 0.3087, 0.2933 by changing the saturation by 10% instead.


 23.6601, 0.3087,
0.2933


 23.6601, 0.3087,
0.2933


271.0975, 0.3111,
0.3127


 15.0817, 0.3079,
0.2879


 49.4750, 0.3097,
0.3008

 8.8767, 0.3068,
0.2805


 67.4802, 0.3100,
0.3034

 4.6609, 0.3051,
0.2699

 89.3965, 0.3103,
0.3057

 2.0497, 0.3020,
0.2535

115.6082, 0.3105,
0.3075

 0.6361, 0.2978,
0.2188

146.4998, 0.3107,
0.3091

 0.0000, 0.0000,
0.0000

182.4556, 0.3109,

0.3105

223.8600, 0.3110,
0.3117

■ 23.6601, 0.3087,
0.2933

■ 23.6601, 0.3087,
0.2933

■ 19.7290, 0.3053,
0.2677

■ 28.1809, 0.3116,
0.3180

■ 16.3592, 0.3012,
0.2417

■ 33.3122, 0.3139,
0.3412

■ 13.5245, 0.2966,
0.2162

■ 39.0774, 0.3158,
0.3629

■ 11.1954, 0.2915,
0.1920

■ 45.4980, 0.3173,
0.3828

■ 9.3393, 0.2859,
0.1703

■ 52.5942, 0.3184,
0.4010

7.9202, 0.2801,
0.1519

60.3854, 0.3193,
0.4175

6.8962, 0.2741,
0.1377

68.8904, 0.3199,
0.4324

6.2153, 0.2682,
0.1278

78.1270, 0.3203,
0.4459

5.9160, 0.2651,
0.1234

82.9045, 0.3216,
0.4512

Harmonies

Analogous

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



23.6601, 0.2855, 0.2875



23.6601, 0.3087, 0.2933



23.6601, 0.3339, 0.3077

Triad

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



23.6601, 0.3087, 0.2933



23.6601, 0.3569, 0.3654



23.6601, 0.2730, 0.3284

Complementary

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



23.6601, 0.3087, 0.2933



28.3548, 0.3160, 0.3662

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.



23.6601, 0.2910, 0.3517



23.6601, 0.3087, 0.2933



23.6601, 0.3394, 0.3733

Square

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



23.6601, 0.3087, 0.2933



23.6601, 0.3623, 0.3484



23.6601, 0.3151, 0.3685



23.6601, 0.2655, 0.3065

Rectangle

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



23.6601, 0.3087, 0.2933



23.6601, 0.3482, 0.3205



23.6601, 0.3151, 0.3685



23.6601, 0.2780, 0.3364

Sweetspot

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



23.6611, 0.3087, 0.2933



50.2363, 0.3117, 0.3194



23.6024, 0.2902, 0.3002



11.0011, 0.3115, 0.3177



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



23.6611, 0.3087, 0.2933



39.0798, 0.3075, 0.2839



23.9395, 0.3207, 0.3030



5.8436, 0.3103, 0.3069



4.9217, 0.2655, 0.1236



0.0733, 0.2935, 0.1391

Inverse Universe

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



23.6149, 0.3333, 0.3209



38.9936, 0.3395, 0.3187



28.1178, 0.3055, 0.3565



5.8356, 0.3249, 0.3240



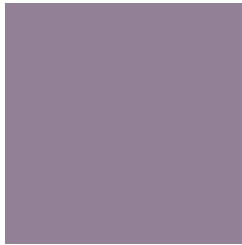
5.4777, 0.5946, 0.3049



0.0709, 0.4944, 0.2497

Previews

White Background



This preview shows how the Yxy color 23.6601, 0.3087, 0.2933 looks on a white background.

Color Contrast Check

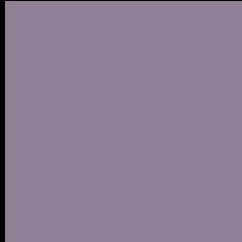
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.6601, 0.3087, 0.2933 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

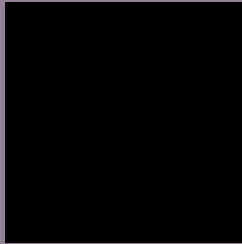
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.6601, 0.3087, 0.2933

Background



This preview shows how black text looks on a background with the Yxy color 23.6601, 0.3087, 0.2933.



This preview shows how white text looks on a background with the Yxy color 23.6601, 0.3087, 0.2933.

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

23.6601, 0.3087, 0.2933

Protanopia

23.8208, 0.2894, 0.2953

Deuteranopia

23.6562, 0.3019, 0.2959



Tritanopia

23.6984, 0.3170, 0.3124

Trichromacy



Original Color

23.6601, 0.3087, 0.2933

Protanomaly

23.6505, 0.2956, 0.2940

Deuteranomaly

23.5652, 0.3042, 0.2945

Tritanomaly

23.6434, 0.3139, 0.3043

Monochromacy



Original Color

23.6601, 0.3087, 0.2933

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

24.1871, 0.3111, 0.3156

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.6601, 0.3087, 0.2933 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(145, 128, 150)` looks like.

```
.text, #text, p{  
    color:rgb(145, 128, 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(145, 128, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 128, 150) }
```

Border

The CSS property to change the border of an element to Yxy 23.6601, 0.3087, 0.2933 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(145, 128, 150) }
```

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

```
.border{ border-color:rgb(145, 128, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 128, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 128, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 128, 150);  
box-shadow:4px 4px 4px 4px rgb(145, 128,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 23.6601, 0.3087, 0.2933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 128, 150) }
```

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

```
.background{ background-color: rgb(145,  
128, 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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