

Converting Colors

$Y_{xy}(23.8150, 0.2952, 0.2894)$

Have a look what the booklet for
Yxy(23.8150, 0.2952, 0.2894)
contains.

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Color

Yxy(23.9175, 0.2947, 0.2895)

Conversions

Conversions Part 1

Format	Color
Hex	89839B
RGB	137, 131, 155
RGB Percent	54%, 51%, 61%
CMY	0.4628, 0.4862, 0.3921
CMYK	0.12, 0.15, 0.00, 0.39
HSL	255°, 11%, 56%
HSV	255°, 15%, 61%
XYZ	24.3471, 23.9175, 34.3520
YIQ	135.5300, -4.1280, 8.7360

Conversions

Conversions Part 2

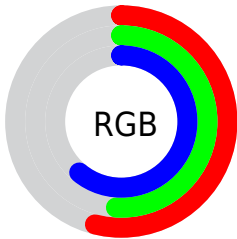
Format	Color
R_{YB}	137, 131, 155
Decimal	9012123
CIE _{Lab}	56.01, 7.18, -12.01
CIE _{LCh}	56, 13.989, 300.877
Yxy	23.9175, 0.2947, 0.2895
Android (android.graphics.Color)	4287202203 (0xFF89839B)
YUV	135.5300, 9.5987, 1.2892
Hunter-Lab	48.9055, 3.2797, -7.4123

Details

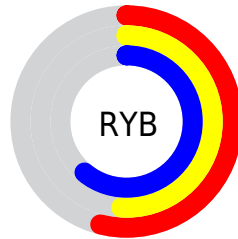
The Yxy color $23.9175, 0.2947, 0.2895$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $31.4830, 0.3291, 0.3670$, and the grayscale version is $24.4001, 0.3127, 0.3290$.

A 20% lighter version of the original color is $49.8316, 0.2987, 0.2983$, and $9.0603, 0.2875, 0.2758$ is the 20% darker color. If you saturate the color by 10%, you get $19.1290, 0.2809, 0.2607$, and if you desaturate by 10%, it is $29.4374, 0.3068, 0.3157$.

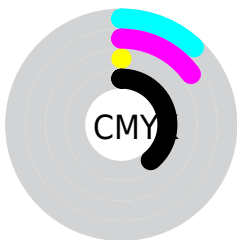
Distribution



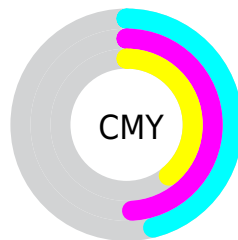
- Red (54%)
- Green (51%)
- Blue (61%)



- Red (54%)
- Yellow (51%)
- Blue (61%)



- Cyan (12%)
- Magenta (15%)
- Yellow (0%)
- Black (39%)



- Cyan (46%)
- Magenta (49%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 23.9175, 0.2947, 0.2895 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 23.9175, 0.2947, 0.2895 by changing the saturation by 10% instead.

■ 23.9175, 0.2947,
0.2895

■ 23.9175, 0.2947,
0.2895

272.4031, 0.3048,
0.3110

■ 15.2724, 0.2917,
0.2835

■ 49.8955, 0.2987,
0.2978

■ 9.0108, 0.2876,
0.2753

■ 67.9973, 0.3001,
0.3007

■ 4.7482, 0.2816,
0.2636

■ 90.0201, 0.3012,
0.3032

■ 2.1003, 0.2718,
0.2456

116.3483, 0.3022,
0.3052

■ 0.6648, 0.2548,
0.2099

147.3663, 0.3030,
0.3070

■ 0.0000, 0.0000,
0.0000

183.4585, 0.3037,

0.3085

225.0093, 0.3043,
0.3098

■ 23.9175, 0.2947,
0.2895

■ 23.9175, 0.2947,
0.2895

■ 19.1290, 0.2809,
0.2607

■ 29.4374, 0.3068,
0.3157

■ 15.0380, 0.2656,
0.2299

■ 35.7147, 0.3172,
0.3393

■ 11.6123, 0.2488,
0.1978

■ 42.7779, 0.3262,
0.3602

■ 8.8158, 0.2312,
0.1658

■ 50.6532, 0.3339,
0.3787

■ 6.6094, 0.2136,
0.1355

■ 59.3654, 0.3404,
0.3949

■ 4.9489, 0.1968,
0.1090

■ 68.9383, 0.3459,
0.4092

■ 3.7842, 0.1820,
0.0881

■ 79.3947, 0.3506,
0.4217

■ 3.0493, 0.1700,
0.0738

■ 90.7406, 0.3546,
0.4327

■ 2.7890, 0.1654,
0.0685

■ 92.7353, 0.3626,
0.4298

Harmonies

Analogous

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



23.9175, 0.2759, 0.2897



23.9175, 0.2947, 0.2895



23.9175, 0.3190, 0.2989

Triad

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



23.9175, 0.2947, 0.2895



23.9175, 0.3607, 0.3556



23.9175, 0.2832, 0.3422

Complementary

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



23.9175, 0.2947, 0.2895



31.4830, 0.3291, 0.3670

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.



23.9175, 0.3051, 0.3621



23.9175, 0.2947, 0.2895



23.9175, 0.3501, 0.3691

Square

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



23.9175, 0.2947, 0.2895



23.9175, 0.3579, 0.3360



23.9175, 0.3296, 0.3720



23.9175, 0.2695, 0.3192

Rectangle

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



23.9175, 0.2947, 0.2895



23.9175, 0.3352, 0.3095



23.9175, 0.3296, 0.3720



23.9175, 0.2898, 0.3496

Sweetspot

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



23.9185, 0.2947, 0.2895



53.1181, 0.3072, 0.3167



28.8205, 0.2895, 0.3198



11.8666, 0.3065, 0.3151



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.



23.9185, 0.2947, 0.2895



39.3427, 0.2896, 0.2786



24.9560, 0.3074, 0.2910



6.0968, 0.3025, 0.3063



2.2553, 0.1661, 0.0689



0.0489, 0.2067, 0.0912

Inverse Universe

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



25.3774, 0.3208, 0.3008



42.5396, 0.3232, 0.2935



30.4415, 0.3172, 0.3685



6.2974, 0.3173, 0.3124



6.6256, 0.3938, 0.1943



0.1047, 0.3559, 0.1734

Previews

White Background



This preview shows how the Yxy color 23.9175, 0.2947, 0.2895 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 23.9175, 0.2947, 0.2895 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

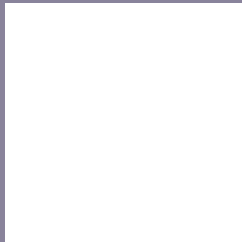
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 23.9175, 0.2947, 0.2895

Background



This preview shows how black text looks on a background with the Yxy color 23.9175, 0.2947, 0.2895.



This preview shows how white text looks on a background with the Yxy color 23.9175, 0.2947, 0.2895.

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

23.9175, 0.2947, 0.2895

Protanopia

23.9212, 0.2865, 0.2905

Deuteranopia

23.9175, 0.2947, 0.2895



Tritanopia

23.9091, 0.3046, 0.3121

Trichromacy



Original Color

23.9175, 0.2947, 0.2895

Protanomaly

23.8894, 0.2896, 0.2892

Deuteranomaly

23.9175, 0.2947, 0.2895

Tritanomaly

23.8434, 0.3016, 0.3038

Monochromacy



Original Color

23.9175, 0.2947, 0.2895

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

24.2676, 0.3057, 0.3138

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.9175, 0.2947, 0.2895 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(137, 131, 155)` looks like.

```
.text, #text, p{  
    color:rgb(137, 131, 155)  
}
```

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(137, 131, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 131, 155) }
```

Border

The CSS property to change the border of an element to Yxy 23.9175, 0.2947, 0.2895 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(137, 131, 155) }
```

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

```
.border{ border-color:rgb(137, 131, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 131, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 131, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 131, 155);  
box-shadow:4px 4px 4px 4px rgb(137, 131,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 23.9175, 0.2947, 0.2895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 131, 155) }
```

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

```
.background{ background-color: rgb(137,  
131, 155) }
```

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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