

Converting Colors

$Y_{xy}(23.9120, 0.3028, 0.2995)$

Have a look what the booklet for
Yxy(23.9120, 0.3028, 0.2995)
contains.

Yxy(23.8915, 0.3029, 0.2992)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(23.8915, 0.3029, 0.2992)

Conversions

Conversions Part 1

Format	Color
Hex	8B8395
RGB	139, 131, 149
RGB Percent	55%, 51%, 58%
CMY	0.4550, 0.4862, 0.4157
CMYK	0.07, 0.12, 0.00, 0.42
HSL	267°, 8%, 55%
HSV	267°, 12%, 58%
XYZ	24.1869, 23.8915, 31.7728
YIQ	135.4440, -1.0100, 7.2940

Conversions

Conversions Part 2

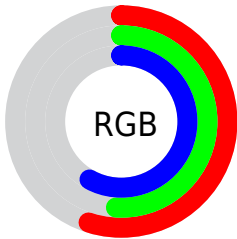
Format	Color
R_{YB}	139, 131, 149
Decimal	9143189
CIE Lab	55.98, 6.59, -8.55
CIE LCh	56, 10.801, 307.623
Yxy	23.8915, 0.3029, 0.2992
Android (android.graphics.Color)	4287333269 (0xFF8B8395)
YUV	135.4440, 6.6831, 3.1186
Hunter-Lab	48.8789, 2.7897, -4.3251

Details

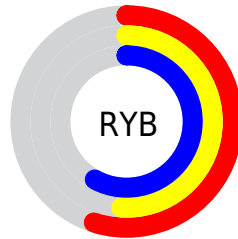
The Yxy color $23.8915, 0.3029, 0.2992$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $28.8011, 0.3217, 0.3586$, and the grayscale version is $24.3770, 0.3127, 0.3290$.

A 20% lighter version of the original color is $49.9302, 0.3056, 0.3057$, and $9.0403, 0.2995, 0.2898$ is the 20% darker color. If you saturate the color by 10%, you get $19.4861, 0.2933, 0.2723$, and if you desaturate by 10%, it is $28.9288, 0.3112, 0.3241$.

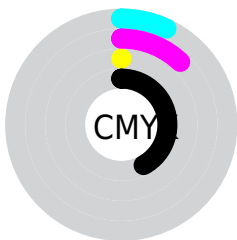
Distribution



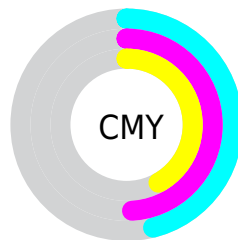
- Red (55%)
- Green (51%)
- Blue (58%)



- Red (55%)
- Yellow (51%)
- Blue (58%)



- Cyan (7%)
- Magenta (12%)
- Yellow (0%)
- Black (42%)





- Cyan (46%)
- Magenta (49%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.8915, 0.3029, 0.2992 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 23.8915, 0.3029, 0.2992 by changing the saturation by 10% instead.


 23.8915, 0.3029,
0.2992


 23.8915, 0.3029,
0.2992


272.2715, 0.3084,
0.3155


 15.2532, 0.3013,
0.2946


 49.8531, 0.3051,
0.3055

 8.9972, 0.2990,
0.2883


 67.9451, 0.3059,
0.3077

 4.7394, 0.2955,
0.2793

 89.9572, 0.3065,
0.3096

 2.0952, 0.2899,
0.2651

116.2736, 0.3070,
0.3112

 0.6619, 0.2806,
0.2351

147.2789, 0.3074,
0.3125

 0.0000, 0.0000,
0.0000

183.3574, 0.3078,

0.3136

224.8934, 0.3082,
0.3146

■ 23.8915, 0.3029,
0.2992

■ 23.8915, 0.3029,
0.2992

■ 19.4861, 0.2933,
0.2723

■ 28.9288, 0.3112,
0.3241

■ 15.6839, 0.2824,
0.2437

■ 34.6191, 0.3182,
0.3468

■ 12.4585, 0.2703,
0.2141

■ 40.9862, 0.3242,
0.3672

■ 9.7802, 0.2570,
0.1845

■ 48.0520, 0.3292,
0.3856

■ 7.6168, 0.2430,
0.1563

■ 55.8371, 0.3334,
0.4019

■ 5.9322, 0.2289,
0.1308

■ 64.3614, 0.3369,
0.4165

■ 4.6859, 0.2152,
0.1096

■ 73.6441, 0.3398,
0.4294

■ 3.8298, 0.2026,
0.0938

■ 83.7036, 0.3422,
0.4410

■ 3.3299, 0.1934,
0.0839

■ 87.9340, 0.3466,
0.4429

Harmonies

Analogous

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



23.8915, 0.2869, 0.2977



23.8915, 0.3029, 0.2992



23.8915, 0.3220, 0.3081

Triad

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



23.8915, 0.3029, 0.2992



23.8915, 0.3487, 0.3527



23.8915, 0.2868, 0.3353

Complementary

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



23.8915, 0.3029, 0.2992



28.8011, 0.3217, 0.3586

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.



23.8915, 0.3028, 0.3514



23.8915, 0.3029, 0.2992



23.8915, 0.3386, 0.3613

Square

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



23.8915, 0.3029, 0.2992



23.8915, 0.3489, 0.3383



23.8915, 0.3217, 0.3610



23.8915, 0.2778, 0.3179

Rectangle

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



23.8915, 0.3029, 0.2992



23.8915, 0.3339, 0.3171



23.8915, 0.3217, 0.3610



23.8915, 0.2915, 0.3411

Sweetspot

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



23.8925, 0.3029, 0.2992



49.9049, 0.3096, 0.3193



26.1069, 0.2945, 0.3159



10.9154, 0.3091, 0.3176



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.



23.8925, 0.3029, 0.2992



40.9492, 0.3009, 0.2934



24.6827, 0.3127, 0.3001



5.7512, 0.3054, 0.3066



2.8194, 0.1941, 0.0843



0.0515, 0.2440, 0.1118

Inverse Universe

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



24.5488, 0.3226, 0.3128



42.3269, 0.3247, 0.3097



28.0581, 0.3125, 0.3595



5.8662, 0.3201, 0.3167



5.9089, 0.4676, 0.2350



0.0783, 0.3903, 0.1924

Previews

White Background



This preview shows how the Yxy color 23.8915, 0.3029, 0.2992 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 23.8915, 0.3029, 0.2992 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

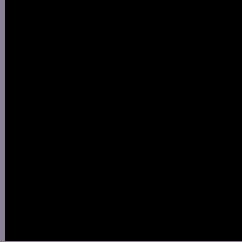
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.8915, 0.3029, 0.2992

Background



This preview shows how black text looks on a background with the Yxy color 23.8915, 0.3029, 0.2992.



This preview shows how white text looks on a background with the Yxy color 23.8915, 0.3029, 0.2992.

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

23.8915, 0.3029, 0.2992

Protanopia

23.8826, 0.2944, 0.3003

Deuteranopia

23.9780, 0.3040, 0.2993



Tritanopia

23.8890, 0.3080, 0.3105

Trichromacy



Original Color

23.8915, 0.3029, 0.2992

Protanomaly

23.8554, 0.2976, 0.2989

Deuteranomaly

23.9780, 0.3040, 0.2993

Tritanomaly

23.9501, 0.3059, 0.3073

Monochromacy



Original Color

23.8915, 0.3029, 0.2992

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

24.1779, 0.3087, 0.3188

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.8915, 0.3029, 0.2992 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(139, 131, 149)` looks like.

```
.text, #text, p{  
    color:rgb(139, 131, 149)  
}
```

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(139, 131, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 131, 149) }
```

Border

The CSS property to change the border of an element to Yxy 23.8915, 0.3029, 0.2992 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(139, 131, 149) }
```

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

```
.border{ border-color:rgb(139, 131, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 131, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 131, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 131, 149);  
box-shadow:4px 4px 4px 4px rgb(139, 131,  
149) }
```


Background

The CSS property to change the background color of an element to Yxy 23.8915, 0.3029, 0.2992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 131, 149) }
```

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

```
.background{ background-color: rgb(139,  
131, 149) }
```

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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