

Converting Colors

$Y_{xy}(23.7407, 0.3270, 0.3193)$

Have a look what the booklet for
Yxy(23.7407, 0.3270, 0.3193)
contains.

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Color

Yxy(23.6528, 0.3273, 0.3191)

Conversions

Conversions Part 1

Format	Color
Hex	938187
RGB	147, 129, 135
RGB Percent	58%, 51%, 53%
CMY	0.4234, 0.4942, 0.4706
CMYK	0.00, 0.12, 0.08, 0.42
HSL	340°, 8%, 54%
HSV	340°, 12%, 58%
XYZ	24.2606, 23.6528, 26.2101
YIQ	135.0660, 8.8020, 5.6820

Conversions

Conversions Part 2

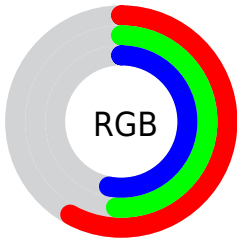
Format	Color
R_{YB}	147, 129, 135
Decimal	9666951
CIE Lab	55.74, 7.95, -0.73
CIE LCh	56, 7.985, 354.783
Yxy	23.6528, 0.3273, 0.3191
Android (android.graphics.Color)	4287857031 (0xFF938187)
YUV	135.0660, -0.0325, 10.4661
Hunter-Lab	48.6341, 3.9330, 2.0912

Details

The Yxy color **23.6528, 0.3273, 0.3191** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.4679, 0.3000, 0.3391**, and the grayscale version is **24.2537, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.5042, 0.3242, 0.3217**, and **8.8800, 0.3330, 0.3168** is the 20% darker color. If you saturate the color by 10%, you get **19.7917, 0.3421, 0.3105**, and if you desaturate by 10%, it is **28.0988, 0.3152, 0.3272**.

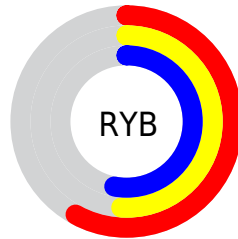
Distribution



Red (58%)

Green (51%)

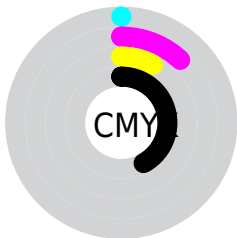
Blue (53%)



Red (58%)

Yellow (51%)

Blue (53%)

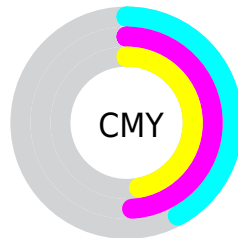


Cyan (0%)

Magenta (12%)

Yellow (8%)

Black (42%)



Cyan (42%)


Magenta (49%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.6528, 0.3273, 0.3191 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 23.6528, 0.3273, 0.3191 by changing the saturation by 10% instead.


 23.6528, 0.3273,
0.3191


 23.6528, 0.3273,
0.3191


271.0604, 0.3192,
0.3246


 15.0763, 0.3297,
0.3175


 49.4630, 0.3241,
0.3212

 8.8729, 0.3329,
0.3153


 67.4655, 0.3230,
0.3220

 4.6584, 0.3377,
0.3121

 89.3788, 0.3221,
0.3226

 2.0483, 0.3455,
0.3069

115.5872, 0.3213,
0.3232

 0.6353, 0.3667,
0.2920

146.4752, 0.3207,
0.3236

 0.0000, 0.0000,
0.0000

182.4271, 0.3201,

0.3240

223.8274, 0.3196,
0.3243

■ 23.6528, 0.3273,
0.3191

■ 23.6528, 0.3273,
0.3191

■ 19.7917, 0.3421,
0.3105

■ 28.0988, 0.3152,
0.3272

■ 16.4881, 0.3600,
0.3017

■ 33.1494, 0.3052,
0.3348

■ 13.7168, 0.3815,
0.2930

■ 38.8275, 0.2970,
0.3418

■ 11.4496, 0.4069,
0.2851

■ 45.1536, 0.2903,
0.3482

■ 9.6556, 0.4362,
0.2788

■ 52.1475, 0.2847,
0.3540

■ 8.3007, 0.4686,
0.2752

■ 59.8279, 0.2801,
0.3594

■ 7.3459, 0.5025,
0.2754

■ 68.2129, 0.2762,
0.3643

■ 6.7452, 0.5354,
0.2802

■ 77.3200, 0.2730,
0.3687

■ 6.4279, 0.5596,
0.2856

■ 83.0661, 0.2694,
0.3659

Harmonies

Analogous

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



23.6528, 0.3136, 0.3099



23.6528, 0.3273, 0.3191



23.6528, 0.3372, 0.3309

Triad

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



23.6528, 0.3273, 0.3191



23.6528, 0.3253, 0.3536



23.6528, 0.2858, 0.3146

Complementary

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



23.6528, 0.3273, 0.3191



27.4679, 0.3000, 0.3391

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.



23.6528, 0.2888, 0.3263



23.6528, 0.3273, 0.3191



23.6528, 0.3114, 0.3493

Square

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



23.6528, 0.3273, 0.3191



23.6528, 0.3359, 0.3510



23.6528, 0.2981, 0.3391



23.6528, 0.2898, 0.3071

Rectangle

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



23.6528, 0.3273, 0.3191



23.6528, 0.3402, 0.3389



23.6528, 0.2981, 0.3391



23.6528, 0.2860, 0.3181

Sweetspot

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



23.6538, 0.3273, 0.3191



48.7754, 0.3172, 0.3258



23.4704, 0.3073, 0.2992



11.0020, 0.3180, 0.3252



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.



23.6538, 0.3273, 0.3191



40.1314, 0.3315, 0.3165



24.2930, 0.3335, 0.3341



5.8454, 0.3233, 0.3216



5.5742, 0.5581, 0.2848



0.0733, 0.4521, 0.2264

Inverse Universe

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



23.6538, 0.3273, 0.3191



40.1314, 0.3315, 0.3165



26.7286, 0.2944, 0.3239



5.8454, 0.3233, 0.3216



5.5742, 0.5581, 0.2848



0.0733, 0.4521, 0.2264

Previews

White Background



This preview shows how the Yxy color 23.6528, 0.3273, 0.3191 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 23.6528, 0.3273, 0.3191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

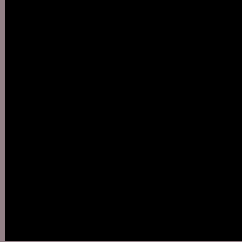
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.6528, 0.3273, 0.3191

Background



This preview shows how black text looks on a background with the Yxy color 23.6528, 0.3273, 0.3191.



This preview shows how white text looks on a background with the Yxy color 23.6528, 0.3273, 0.3191.

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

23.6528, 0.3273, 0.3191

Protanopia

23.7321, 0.3108, 0.3222

Deuteranopia

23.5608, 0.3261, 0.3191



Tritanopia

23.5692, 0.3252, 0.3126

Trichromacy



Original Color

23.6528, 0.3273, 0.3191

Protanomaly

23.7691, 0.3165, 0.3222

Deuteranomaly

23.5608, 0.3261, 0.3191

Tritanomaly

23.5404, 0.3264, 0.3142

Monochromacy



Original Color

23.6528, 0.3273, 0.3191

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

24.0133, 0.3174, 0.3256

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.6528, 0.3273, 0.3191 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(147, 129, 135)` looks like.

```
.text, #text, p{  
    color:rgb(147, 129, 135)  
}
```

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(147, 129, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 129, 135) }
```

Border

The CSS property to change the border of an element to Yxy 23.6528, 0.3273, 0.3191 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(147, 129, 135) }
```

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

```
.border{ border-color:rgb(147, 129, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 129, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 129, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 129, 135);  
box-shadow:4px 4px 4px 4px rgb(147, 129,  
135) }
```


Background

The CSS property to change the background color of an element to Yxy 23.6528, 0.3273, 0.3191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 129, 135) }
```

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

```
.background{ background-color: rgb(147,  
129, 135) }
```

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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