

Converting Colors

$Y_{xy}(23.3463, 0.3203, 0.3156)$

Have a look what the booklet for
Yxy(23.3463, 0.3203, 0.3156)
contains.

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Color

Yxy(23.3463, 0.3203, 0.3156)

Conversions

Conversions Part 1

Format	Color
Hex	8F8189
RGB	143, 129, 137
RGB Percent	56%, 51%, 54%
CMY	0.4392, 0.4941, 0.4626
CMYK	0.00, 0.10, 0.04, 0.44
HSL	326°, 6%, 53%
HSV	326°, 10%, 56%
XYZ	23.6940, 23.3463, 26.9341
YIQ	134.0980, 5.7760, 5.4560

Conversions

Conversions Part 2

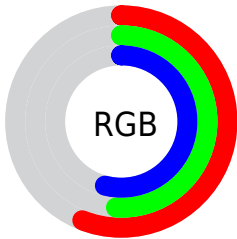
Format	Color
R_{YB}	143, 129, 137
Decimal	9404809
CIE _{Lab}	55.43, 6.80, -2.40
CIE _{LCh}	55, 7.215, 340.588
Yxy	23.3463, 0.3203, 0.3156
Android (android.graphics.Color)	4287594889 (0xFF8F8189)
YUV	134.0980, 1.4307, 7.8071
Hunter-Lab	48.3180, 2.9756, 0.7724

Details

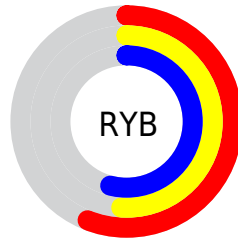
The Yxy color $23.3463, 0.3203, 0.3156$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $26.0591, 0.3058, 0.3428$, and the grayscale version is $23.8718, 0.3127, 0.3290$.

A 20% lighter version of the original color is $49.0439, 0.3191, 0.3191$, and $8.7526, 0.3242, 0.3117$ is the 20% darker color. If you saturate the color by 10%, you get $19.6698, 0.3295, 0.3012$, and if you desaturate by 10%, it is $27.5619, 0.3126, 0.3293$.

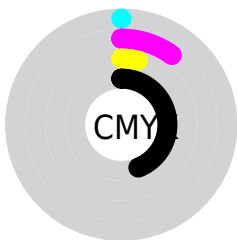
Distribution



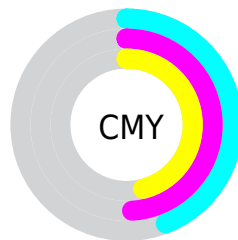
- Red (56%)
- Green (51%)
- Blue (54%)



- Red (56%)
- Yellow (51%)
- Blue (54%)



- Cyan (0%)
- Magenta (10%)
- Yellow (4%)
- Black (44%)





- Cyan (44%)
- Magenta (49%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.3463, 0.3203, 0.3156 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 23.3463, 0.3203, 0.3156 by changing the saturation by 10% instead.

 23.3463, 0.3203,
0.3156


 23.3463, 0.3203,
0.3156


269.4987, 0.3161,
0.3230


 14.8494, 0.3215,
0.3135


 48.9613, 0.3187,
0.3185

 8.7138, 0.3232,
0.3105


 66.8483, 0.3181,
0.3195

 4.5550, 0.3256,
0.3062

 88.6340, 0.3176,
0.3204

 1.9886, 0.3296,
0.2993

114.7030, 0.3172,
0.3211

 0.6008, 0.3413,
0.2782

145.4395, 0.3169,
0.3217

 0.0000, 0.0000,
0.0000

181.2281, 0.3166,

0.3222

222.4530, 0.3163,
0.3226

■ 23.3463, 0.3203,
0.3156

■ 23.3463, 0.3203,
0.3156

■ 19.6698, 0.3295,
0.3012

■ 27.5619, 0.3126,
0.3293

■ 16.5075, 0.3404,
0.2865

■ 32.3343, 0.3061,
0.3421

■ 13.8368, 0.3531,
0.2718

■ 37.6841, 0.3007,
0.3541

■ 11.6326, 0.3678,
0.2579

■ 43.6297, 0.2962,
0.3651

■ 9.8673, 0.3843,
0.2456

■ 50.1891, 0.2925,
0.3753

8.5104, 0.4025,
0.2359

57.3793, 0.2894,
0.3846

7.5274, 0.4217,
0.2301

65.2165, 0.2868,
0.3931

6.8783, 0.4413,
0.2289

73.7166, 0.2846,
0.4009

6.4571, 0.4610,
0.2315

81.1614, 0.2826,
0.4053

Harmonies

Analogous

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



23.3463, 0.3074, 0.3091



23.3463, 0.3203, 0.3156



23.3463, 0.3313, 0.3256

Triad

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



23.3463, 0.3203, 0.3156



23.3463, 0.3293, 0.3509



23.3463, 0.2888, 0.3206

Complementary

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



23.3463, 0.3203, 0.3156



26.0591, 0.3058, 0.3428

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.



23.3463, 0.2944, 0.3322



23.3463, 0.3203, 0.3156



23.3463, 0.3176, 0.3500

Square

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



23.3463, 0.3203, 0.3156



23.3463, 0.3365, 0.3459



23.3463, 0.3049, 0.3430



23.3463, 0.2894, 0.3117

Rectangle

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



23.3463, 0.3203, 0.3156



23.3463, 0.3360, 0.3329



23.3463, 0.3049, 0.3430



23.3463, 0.2900, 0.3243

Sweetspot

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



23.3473, 0.3203, 0.3156



46.7802, 0.3149, 0.3249



22.8213, 0.3045, 0.3052



10.5938, 0.3155, 0.3239



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



23.3473, 0.3203, 0.3156



40.1009, 0.3224, 0.3121



23.1567, 0.3279, 0.3271



5.4727, 0.3198, 0.3165



5.7063, 0.4605, 0.2311



0.0590, 0.3867, 0.1904

Inverse Universe

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



23.3473, 0.3203, 0.3156



40.1009, 0.3224, 0.3121



26.2585, 0.2993, 0.3309



5.4727, 0.3198, 0.3165



5.7063, 0.4605, 0.2311



0.0590, 0.3867, 0.1904

Previews

White Background



This preview shows how the Yxy color 23.3463, 0.3203, 0.3156 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 23.3463, 0.3203, 0.3156 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

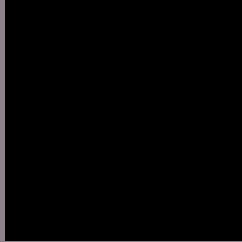
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.3463, 0.3203, 0.3156

Background



This preview shows how black text looks on a background with the Yxy color 23.3463, 0.3203, 0.3156.



This preview shows how white text looks on a background with the Yxy color 23.3463, 0.3203, 0.3156.

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

23.3463, 0.3203, 0.3156

Protanopia

23.3532, 0.3065, 0.3170

Deuteranopia

23.4359, 0.3215, 0.3157



Tritanopia

23.4042, 0.3181, 0.3123

Trichromacy



Original Color

23.3463, 0.3203, 0.3156

Protanomaly

23.3859, 0.3121, 0.3171

Deuteranomaly

23.4359, 0.3215, 0.3157

Tritanomaly

23.3751, 0.3192, 0.3140

Monochromacy



Original Color

23.3463, 0.3203, 0.3156

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

23.5702, 0.3152, 0.3239

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.3463, 0.3203, 0.3156 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(143, 129, 137)` looks like.

```
.text, #text, p{  
    color:rgb(143, 129, 137)  
}
```

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(143, 129, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 129, 137) }
```

Border

The CSS property to change the border of an element to Yxy 23.3463, 0.3203, 0.3156 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(143, 129, 137) }
```

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

```
.border{ border-color:rgb(143, 129, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 129, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 129, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 129, 137);  
box-shadow:4px 4px 4px 4px rgb(143, 129,  
137) }
```


Background

The CSS property to change the background color of an element to Yxy 23.3463, 0.3203, 0.3156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 129, 137) }
```

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

```
.background{ background-color: rgb(143,  
129, 137) }
```

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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