

Converting Colors

$Y_{xy}(23.6732, 0.3605, 0.3161)$

Have a look what the booklet for
Yxy(23.6732, 0.3605, 0.3161)
contains.

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Color

Yxy(23.6113, 0.3608, 0.3153)

Conversions

Conversions Part 1

Format	Color
Hex	A87982
RGB	168, 121, 130
RGB Percent	66%, 47%, 51%
CMY	0.3411, 0.5255, 0.4902
CMYK	0.00, 0.28, 0.23, 0.34
HSL	348°, 21%, 57%
HSV	348°, 28%, 66%
XYZ	27.0186, 23.6113, 24.2553
YIQ	136.0790, 25.1230, 12.7630

Conversions

Conversions Part 2

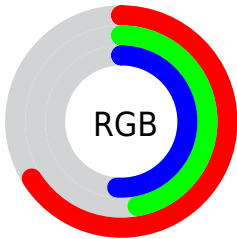
Format	Color
RYB	168, 121, 130
Decimal	11041154
CIELab	55.70, 19.72, 2.37
CIElCh	56, 19.865, 6.866
Yxy	23.6113, 0.3608, 0.3153
Android (android.graphics.Color)	4289231234 (0xFFA87982)
YUV	136.0790, -2.9969, 27.9947
Hunter-Lab	48.5915, 14.2173, 4.4183

Details

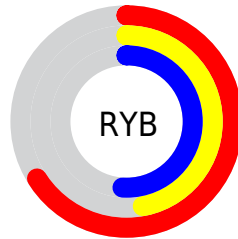
The Yxy color **23.6113, 0.3608, 0.3153** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **34.5805, 0.2795, 0.3433**, and the grayscale version is **24.6571, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.5383, 0.3501, 0.3187**, and **8.8736, 0.3792, 0.3095** is the 20% darker color. If you saturate the color by 10%, you get **19.5374, 0.3858, 0.3102**, and if you desaturate by 10%, it is **28.4468, 0.3403, 0.3204**.

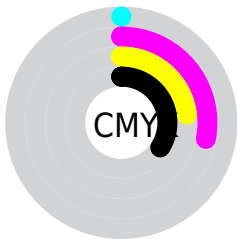
Distribution



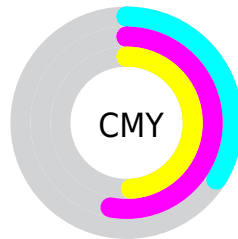
- Red (66%)
- Green (47%)
- Blue (51%)



- Red (66%)
- Yellow (47%)
- Blue (51%)



- Cyan (0%)
- Magenta (28%)
- Yellow (23%)
- Black (34%)





- Cyan (34%)
- Magenta (53%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.6113, 0.3608, 0.3153 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 23.6113, 0.3608, 0.3153 by changing the saturation by 10% instead.


 23.6113, 0.3608,
0.3153


 23.6113, 0.3608,
0.3153


270.8494, 0.3339,
0.3231


 15.0455, 0.3686,
0.3129


 49.3952, 0.3503,
0.3184

 8.8513, 0.3795,
0.3096


 67.3820, 0.3465,
0.3195

 4.6443, 0.3956,
0.3046

 89.2781, 0.3435,
0.3204

 2.0401, 0.4217,
0.2961

115.4676, 0.3410,
0.3211

 0.6306, 0.4896,
0.2796

146.3352, 0.3388,
0.3217

 0.0000, 1.0000,
0.0000

182.2651, 0.3370,

 0.0000, 0.0000,

0.3223

0.0000

223.6417, 0.3354,
0.3227

■ 23.6113, 0.3608,
0.3153

■ 23.6113, 0.3608,
0.3153

■ 19.5374, 0.3858,
0.3102

■ 28.4468, 0.3403,
0.3204

■ 16.1830, 0.4160,
0.3055

■ 34.0765, 0.3237,
0.3253

■ 13.5071, 0.4512,
0.3018


■ 40.5352, 0.3102,
0.3299


■ 11.4629, 0.4907,
0.2999


■ 47.8548, 0.2993,
0.3341


■ 9.9981, 0.5318,
0.3007


■ 56.0651, 0.2904,
0.3380


 9.0515, 0.5706,
0.3047

 65.1949, 0.2831,
0.3415

 8.5214, 0.6025,
0.3113

 75.2715, 0.2770,
0.3446

 8.4324, 0.6082,
0.3124

 86.0588, 0.2720,
0.3471

 86.8905, 0.2655,
0.3319

Harmonies

Analogous

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



23.6113, 0.3285, 0.2909



23.6113, 0.3608, 0.3153



23.6113, 0.3799, 0.3439

Triad

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



23.6113, 0.3608, 0.3153



23.6113, 0.3293, 0.3898



23.6113, 0.2496, 0.2836

Complementary

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



23.6113, 0.3608, 0.3153



34.5805, 0.2795, 0.3433

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.



23.6113, 0.2499, 0.3080



23.6113, 0.3608, 0.3153



23.6113, 0.2946, 0.3722

Square

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



23.6113, 0.3608, 0.3153



23.6113, 0.3607, 0.3883



23.6113, 0.2659, 0.3410



23.6113, 0.2650, 0.2725

Rectangle

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



23.6113, 0.3608, 0.3153



23.6113, 0.3820, 0.3623



23.6113, 0.2659, 0.3410



23.6113, 0.2479, 0.2904

Sweetspot

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



23.6124, 0.3608, 0.3153



61.6468, 0.3239, 0.3252



23.8329, 0.3053, 0.2587



13.0921, 0.3262, 0.3245



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



23.6124, 0.3608, 0.3153



37.7817, 0.3769, 0.3119



27.0638, 0.3665, 0.3507



7.5649, 0.3257, 0.3247



6.3721, 0.6060, 0.3112



0.1615, 0.5247, 0.2664

Inverse Universe

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



23.6124, 0.3608, 0.3153



37.7817, 0.3769, 0.3119



29.9747, 0.2706, 0.3061



7.5649, 0.3257, 0.3247



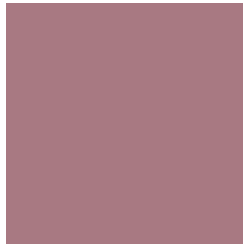
6.3721, 0.6060, 0.3112



0.1615, 0.5247, 0.2664

Previews

White Background



This preview shows how the Yxy color 23.6113, 0.3608, 0.3153 looks on a white background.

Color Contrast Check

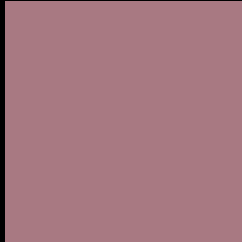
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.6113, 0.3608, 0.3153 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

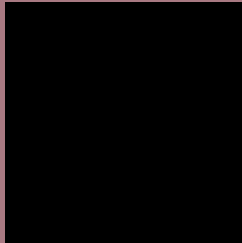
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.6113, 0.3608, 0.3153

Background



This preview shows how black text looks on a background with the Yxy color 23.6113, 0.3608, 0.3153.



This preview shows how white text looks on a background with the Yxy color 23.6113, 0.3608, 0.3153.

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

23.6113, 0.3608, 0.3153

Protanopia

23.7321, 0.3108, 0.3222

Deuteranopia

23.6486, 0.3376, 0.3307



Tritanopia

23.6113, 0.3608, 0.3153

Trichromacy



Original Color

23.6113, 0.3608, 0.3153

Protanomaly

23.6248, 0.3284, 0.3208

Deuteranomaly

23.5746, 0.3457, 0.3243

Tritanomaly

23.6113, 0.3608, 0.3153

Monochromacy



Original Color

23.6113, 0.3608, 0.3153

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

24.2497, 0.3292, 0.3241

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.6113, 0.3608, 0.3153 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(168, 121, 130)` looks like.

```
.text, #text, p{  
    color:rgb(168, 121, 130)  
}
```

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(168, 121, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 121, 130) }
```

Border

The CSS property to change the border of an element to Yxy 23.6113, 0.3608, 0.3153 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(168, 121, 130) }
```

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

```
.border{ border-color:rgb(168, 121, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 121, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 121, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 121, 130);  
box-shadow:4px 4px 4px 4px rgb(168, 121,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 23.6113, 0.3608, 0.3153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 121, 130) }
```

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

```
.background{ background-color: rgb(168,  
121, 130) }
```

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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