

Converting Colors

$Y_{xy}(23.1730, 0.3806, 0.3030)$

Have a look what the booklet for
Yxy(23.1730, 0.3806, 0.3030)
contains.

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Color

Yxy(23.1451, 0.3815, 0.3033)

Conversions

Conversions Part 1

Format	Color
Hex	B67082
RGB	182, 112, 130
RGB Percent	71%, 44%, 51%
CMY	0.2863, 0.5607, 0.4902
CMYK	0.00, 0.38, 0.29, 0.29
HSL	345°, 32%, 58%
HSV	345°, 38%, 71%
XYZ	29.1126, 23.1451, 24.0532
YIQ	134.9820, 35.9420, 20.4380

Conversions

Conversions Part 2

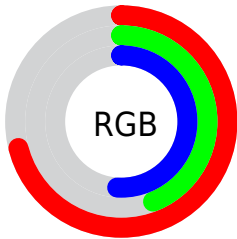
Format	Color
R_{YB}	182, 112, 130
Decimal	11956354
CIE _{Lab}	55.22, 30.05, 1.89
CIE _{LCh}	55, 30.113, 3.605
Yxy	23.1451, 0.3815, 0.3033
Android (android.graphics.Color)	4290146434 (0xFFB67082)
YUV	134.9820, -2.4561, 41.2348
Hunter-Lab	48.1094, 23.8251, 4.0334

Details

The Yxy color **23.1451, 0.3815, 0.3033** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **39.5761, 0.2716, 0.3570**, and the grayscale version is **24.2216, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.6799, 0.3658, 0.3092**, and **8.5514, 0.4080, 0.2917** is the 20% darker color. If you saturate the color by 10%, you get **19.1879, 0.4094, 0.2969**, and if you desaturate by 10%, it is **27.9638, 0.3583, 0.3102**.

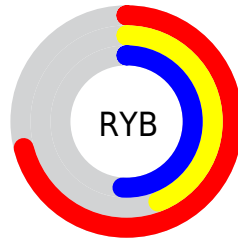
Distribution



Red (71%)

Green (44%)

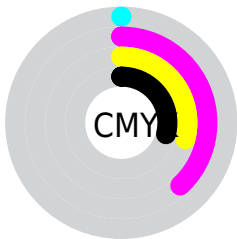
Blue (51%)



Red (71%)

Yellow (44%)

Blue (51%)

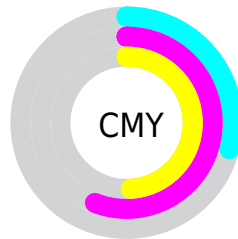


Cyan (0%)

Magenta (38%)

Yellow (29%)

Black (29%)



Cyan (29%)


Magenta (56%)


Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 23.1451, 0.3815, 0.3033 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 23.1451, 0.3815, 0.3033 by changing the saturation by 10% instead.


 23.1451, 0.3815,
0.3033


 23.1451, 0.3815,
0.3033


268.4694, 0.3430,
0.3179


 14.7007, 0.3927,
0.2990


 48.6315, 0.3664,
0.3091


 8.6096, 0.4083,
0.2929


 66.4422, 0.3611,
0.3111

 4.4874, 0.4311,
0.2838

 88.1439, 0.3567,
0.3127

 1.9498, 0.4680,
0.2690

 114.1208, 0.3531,
0.3141

 0.5781, 0.5593,
0.2369

144.7574, 0.3500,
0.3153

 0.0000, 1.0000,
0.0000

180.4381, 0.3474,

 0.0000, 0.0000,

0.3163

0.0000

221.5473, 0.3451,
0.3171

■ 23.1451, 0.3815,
0.3033

■ 23.1451, 0.3815,
0.3033

■ 19.1879, 0.4094,
0.2969

■ 27.9638, 0.3583,
0.3102

■ 16.0379, 0.4419,
0.2918

■ 33.6876, 0.3392,
0.3171

■ 13.6398, 0.4784,
0.2888


■ 40.3610, 0.3236,
0.3237

■ 11.9296, 0.5169,
0.2892


■ 48.0246, 0.3109,
0.3299


■ 10.8328, 0.5539,
0.2936


■ 56.7166, 0.3006,
0.3357

 10.2255, 0.5859,
0.3015

 66.4732, 0.2922,
0.3409

 10.1470, 0.5905,
0.3027

 77.3290, 0.2853,
0.3457

 87.6459, 0.2794,
0.3473

 88.4714, 0.2727,
0.3324

Harmonies

Analogous

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



23.1451, 0.3299, 0.2696



23.1451, 0.3815, 0.3033



23.1451, 0.4140, 0.3441

Triad

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



23.1451, 0.3815, 0.3033



23.1451, 0.3417, 0.4251



23.1451, 0.2184, 0.2627

Complementary

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



23.1451, 0.3815, 0.3033



39.5761, 0.2716, 0.3570

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.



23.1451, 0.2210, 0.3002



23.1451, 0.3815, 0.3033



23.1451, 0.2895, 0.4014

Square

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



23.1451, 0.3815, 0.3033



23.1451, 0.3884, 0.4163



23.1451, 0.2459, 0.3524



23.1451, 0.2380, 0.2458

Rectangle

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



23.1451, 0.3815, 0.3033



23.1451, 0.4188, 0.3719



23.1451, 0.2459, 0.3524



23.1451, 0.2167, 0.2730

Sweetspot

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



23.1462, 0.3815, 0.3033



68.4386, 0.3291, 0.3213



22.7889, 0.2962, 0.2295



14.7666, 0.3310, 0.3204



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



23.1462, 0.3815, 0.3033



35.8886, 0.4044, 0.2979



26.6406, 0.3970, 0.3528



9.0491, 0.3248, 0.3231



7.1763, 0.5876, 0.3011



0.2634, 0.5127, 0.2598

Inverse Universe

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



23.1462, 0.3815, 0.3033



35.8886, 0.4044, 0.2979



33.9711, 0.2563, 0.3034



9.0491, 0.3248, 0.3231



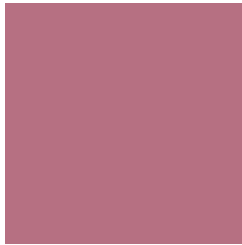
7.1763, 0.5876, 0.3011



0.2634, 0.5127, 0.2598

Previews

White Background



This preview shows how the Yxy color 23.1451, 0.3815, 0.3033 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 23.1451, 0.3815, 0.3033 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

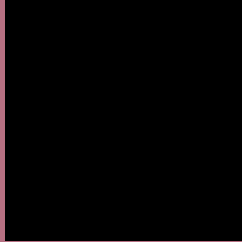
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.1451, 0.3815, 0.3033

Background



This preview shows how black text looks on a background with the Yxy color 23.1451, 0.3815, 0.3033.



This preview shows how white text looks on a background with the Yxy color 23.1451, 0.3815, 0.3033.

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

23.1451, 0.3815, 0.3033

Protanopia

23.3611, 0.3023, 0.3118

Deuteranopia

23.1737, 0.3366, 0.3307



Tritanopia

23.0392, 0.3907, 0.3162

Trichromacy



Original Color

23.1451, 0.3815, 0.3033

Protanomaly

22.9862, 0.3281, 0.3078

Deuteranomaly

22.9512, 0.3530, 0.3196

Tritanomaly

23.1147, 0.3867, 0.3118

Monochromacy



Original Color

23.1451, 0.3815, 0.3033

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

23.5476, 0.3359, 0.3193

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.1451, 0.3815, 0.3033 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(182, 112, 130)` looks like.

```
.text, #text, p{  
    color:rgb(182, 112, 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(182, 112, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 112, 130) }
```

Border

The CSS property to change the border of an element to Yxy 23.1451, 0.3815, 0.3033 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(182, 112, 130) }
```

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

```
.border{ border-color:rgb(182, 112, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 112, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 112, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 112, 130);  
box-shadow:4px 4px 4px 4px rgb(182, 112,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 23.1451, 0.3815, 0.3033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 112, 130) }
```

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

```
.background{ background-color: rgb(182,  
112, 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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