

Converting Colors

$Y_{xy}(23.3881, 0.3786, 0.3148)$

Have a look what the booklet for
Yxy(23.3881, 0.3786, 0.3148)
contains.

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Color

Yxy(23.3443, 0.3790, 0.3144)

Conversions

Conversions Part 1

Format	Color
Hex	B1747E
RGB	177, 116, 126
RGB Percent	69%, 45%, 49%
CMY	0.3059, 0.5451, 0.5058
CMYK	0.00, 0.34, 0.29, 0.31
HSL	350°, 28%, 57%
HSV	350°, 34%, 69%
XYZ	28.1409, 23.3443, 22.7651
YIQ	135.3790, 33.1460, 16.0420

Conversions

Conversions Part 2

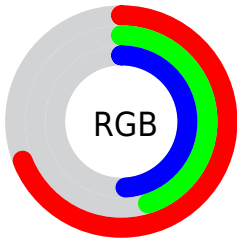
Format	Color
R_{YB}	177, 116, 126
Decimal	11629694
CIE _{Lab}	55.43, 25.38, 4.44
CIE _{LCh}	55, 25.768, 9.928
Yxy	23.3443, 0.3790, 0.3144
Android (android.graphics.Color)	4289819774 (0xFFB1747E)
YUV	135.3790, -4.6238, 36.5016
Hunter-Lab	48.3159, 19.4117, 5.8853

Details

The Yxy color **23.3443, 0.3790, 0.3144** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **37.9418, 0.2714, 0.3445**, and the grayscale version is **24.3859, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.1230, 0.3640, 0.3179**, and **8.7611, 0.4057, 0.3087** is the 20% darker color. If you saturate the color by 10%, you get **19.2918, 0.4086, 0.3102**, and if you desaturate by 10%, it is **28.2328, 0.3546, 0.3188**.

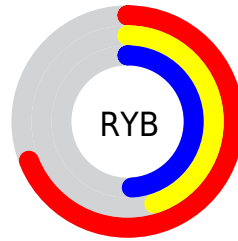
Distribution



Red (69%)

Green (45%)

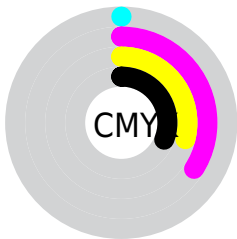
Blue (49%)



Red (69%)

Yellow (45%)

Blue (49%)

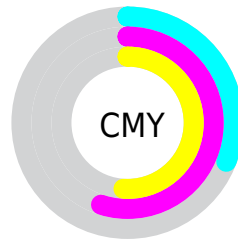


Cyan (0%)

Magenta (34%)

Yellow (29%)

Black (31%)



Cyan (31%)


Magenta (55%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.3443, 0.3790, 0.3144 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 23.3443, 0.3790, 0.3144 by changing the saturation by 10% instead.


 23.3443, 0.3790,
0.3144


 23.3443, 0.3790,
0.3144


269.4885, 0.3419,
0.3230


 14.8479, 0.3899,
0.3117


 48.9581, 0.3644,
0.3179

 8.7127, 0.4050,
0.3078


 66.8442, 0.3593,
0.3191

 4.5543, 0.4273,
0.3017

 88.6291, 0.3550,
0.3201

 1.9882, 0.4634,
0.2912

114.6972, 0.3515,
0.3209

 0.6006, 0.5679,
0.2749

145.4327, 0.3486,
0.3215

 0.0000, 1.0000,
0.0000

181.2202, 0.3460,

 0.0000, 0.0000,

0.3221

0.0000

222.4440, 0.3438,
0.3226

■ 23.3443, 0.3790,
0.3144

■ 23.3443, 0.3790,
0.3144

■ 19.2918, 0.4086,
0.3102

■ 28.2328, 0.3546,
0.3188

■ 16.0254, 0.4436,
0.3068

■ 33.9971, 0.3348,
0.3231

■ 13.4946, 0.4834,
0.3047


■ 40.6785, 0.3188,
0.3273

■ 11.6420, 0.5258,
0.3048


■ 48.3145, 0.3059,
0.3311


■ 10.4015, 0.5666,
0.3077


■ 56.9407, 0.2954,
0.3346

 9.6937, 0.6005,
0.3134

 66.5908, 0.2868,
0.3378

 9.4343, 0.6157,
0.3166

 77.2970, 0.2798,
0.3407

 87.4200, 0.2737,
0.3405

 88.0854, 0.2686,
0.3289

Harmonies

Analogous

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



23.3443, 0.3376, 0.2830



23.3443, 0.3790, 0.3144



23.3443, 0.4017, 0.3506

Triad

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



23.3443, 0.3790, 0.3144



23.3443, 0.3288, 0.4082



23.3443, 0.2331, 0.2677

Complementary

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



23.3443, 0.3790, 0.3144



37.9418, 0.2714, 0.3445

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.



23.3443, 0.2313, 0.2969



23.3443, 0.3790, 0.3144



23.3443, 0.2844, 0.3825

Square

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



23.3443, 0.3790, 0.3144



23.3443, 0.3707, 0.4074



23.3443, 0.2493, 0.3395



23.3443, 0.2542, 0.2562

Rectangle

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



23.3443, 0.3790, 0.3144



23.3443, 0.4022, 0.3741



23.3443, 0.2493, 0.3395



23.3443, 0.2303, 0.2755

Sweetspot

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



23.3454, 0.3790, 0.3144



65.8171, 0.3276, 0.3249



23.8633, 0.3052, 0.2421



13.9155, 0.3298, 0.3244



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



23.3454, 0.3790, 0.3144



36.4107, 0.3999, 0.3113



28.3097, 0.3822, 0.3591



8.5273, 0.3262, 0.3253



6.8429, 0.6135, 0.3153



0.2223, 0.5463, 0.2783

Inverse Universe

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



23.3454, 0.3790, 0.3144



36.4107, 0.3999, 0.3113



30.8868, 0.2606, 0.2966



8.5273, 0.3262, 0.3253



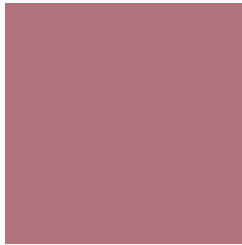
6.8429, 0.6135, 0.3153



0.2223, 0.5463, 0.2783

Previews

White Background



This preview shows how the Yxy color 23.3443, 0.3790, 0.3144 looks on a white background.

Color Contrast Check

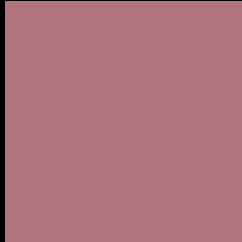
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.3443, 0.3790, 0.3144 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 23.3443, 0.3790, 0.3144

Background



This preview shows how black text looks on a background with the Yxy color 23.3443, 0.3790, 0.3144.



This preview shows how white text looks on a background with the Yxy color 23.3443, 0.3790, 0.3144.

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

23.3443, 0.3790, 0.3144

Protanopia

23.4027, 0.3130, 0.3238

Deuteranopia

23.2831, 0.3425, 0.3358



Tritanopia

23.3186, 0.3804, 0.3159

Trichromacy



Original Color

23.3443, 0.3790, 0.3144

Protanomaly

23.0717, 0.3348, 0.3192

Deuteranomaly

23.2669, 0.3548, 0.3275

Tritanomaly

23.3186, 0.3804, 0.3159

Monochromacy



Original Color

23.3443, 0.3790, 0.3144

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

23.5883, 0.3344, 0.3225

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.3443, 0.3790, 0.3144 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(177, 116, 126)` looks like.

```
.text, #text, p{  
    color:rgb(177, 116, 126)  
}
```

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(177, 116, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 116, 126) }
```

Border

The CSS property to change the border of an element to Yxy 23.3443, 0.3790, 0.3144 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(177, 116, 126) }
```

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

```
.border{ border-color:rgb(177, 116, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 116, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 116, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 116, 126);  
box-shadow:4px 4px 4px 4px rgb(177, 116,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 23.3443, 0.3790, 0.3144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 116, 126) }
```

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

```
.background{ background-color: rgb(177,  
116, 126) }
```

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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