

Converting Colors

$Y_{xy}(24.7931, 0.3994, 0.3168)$

Have a look what the booklet for
Yxy(24.7931, 0.3994, 0.3168)
contains.

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Color

Yxy(24.7931, 0.3994, 0.3168)

Conversions

Conversions Part 1

Format	Color
Hex	BF737C
RGB	191, 115, 124
RGB Percent	75%, 45%, 49%
CMY	0.2509, 0.5490, 0.5137
CMYK	0.00, 0.40, 0.35, 0.25
HSL	353°, 37%, 60%
HSV	353°, 40%, 75%
XYZ	31.2575, 24.7931, 22.2105
YIQ	138.7500, 42.4070, 18.9110

Conversions

Conversions Part 2

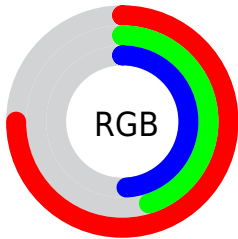
Format	Color
R_{YB}	191, 115, 124
Decimal	12546940
CIE _{Lab}	56.87, 31.02, 7.91
CIE _{LCh}	57, 32.008, 14.310
Yxy	24.7931, 0.3994, 0.3168
Android (android.graphics.Color)	4290737020 (0xFFBF737C)
YUV	138.7500, -7.2717, 45.8233
Hunter-Lab	49.7927, 24.9166, 8.4080

Details

The Yxy color **24.7931, 0.3994, 0.3168** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **44.2888, 0.2638, 0.3422**, and the grayscale version is **25.7347, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.2796, 0.3808, 0.3206**, and **9.4395, 0.4330, 0.3107** is the 20% darker color. If you saturate the color by 10%, you get **20.4900, 0.4342, 0.3141**, and if you desaturate by 10%, it is **30.0739, 0.3704, 0.3199**.

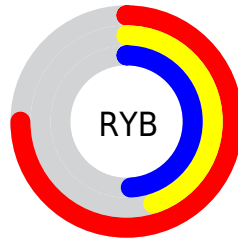
Distribution



Red (75%)

Green (45%)

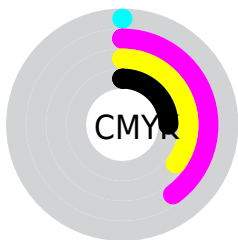
Blue (49%)



Red (75%)

Yellow (45%)

Blue (49%)

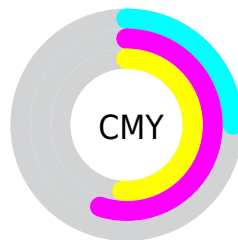


Cyan (0%)

Magenta (40%)

Yellow (35%)

Black (25%)



Cyan (25%)


Magenta (55%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.7931, 0.3994, 0.3168 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 24.7931, 0.3994, 0.3168 by changing the saturation by 10% instead.


 24.7931, 0.3994,
0.3168


 24.7931, 0.3994,
0.3168


276.8060, 0.3512,
0.3245


 15.9230, 0.4133,
0.3142


 51.3214, 0.3806,
0.3201

 9.4697, 0.4324,
0.3103


 69.7483, 0.3739,
0.3212

 5.0488, 0.4603,
0.3040

 92.1296, 0.3684,
0.3220

 2.2759, 0.5040,
0.2928

118.8498, 0.3638,
0.3227

 0.7609, 0.6150,
0.2827

150.2931, 0.3599,
0.3233

 0.0000, 1.0000,
0.0000

186.8439, 0.3566,

 0.0000, 0.0000,

0.3238

0.0000

228.8868, 0.3537,
0.3242

■ 24.7931, 0.3994,
0.3168

■ 24.7931, 0.3994,
0.3168

■ 20.4900, 0.4342,
0.3141

■ 30.0739, 0.3704,
0.3199

■ 17.1010, 0.4745,
0.3122

■ 36.3836, 0.3468,
0.3231

■ 14.5610, 0.5184,
0.3118


■ 43.7740, 0.3278,
0.3262


■ 12.7944, 0.5618,
0.3135

■ 52.2924, 0.3124,
0.3291


■ 11.7125, 0.5990,
0.3173


■ 61.9836, 0.3001,
0.3317

 11.1482, 0.6253,
0.3220

 72.8894, 0.2900,
0.3341

 11.1384, 0.6258,
0.3221

 85.0501, 0.2819,
0.3363

 89.8179, 0.2757,
0.3289

Harmonies

Analogous

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



24.7931, 0.3507, 0.2787



24.7931, 0.3994, 0.3168



24.7931, 0.4225, 0.3599

Triad

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



24.7931, 0.3994, 0.3168



24.7931, 0.3231, 0.4243



24.7931, 0.2198, 0.2515

Complementary

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



24.7931, 0.3994, 0.3168



44.2888, 0.2638, 0.3422

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.



24.7931, 0.2141, 0.2827



24.7931, 0.3994, 0.3168



24.7931, 0.2707, 0.3882

Square

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



24.7931, 0.3994, 0.3168



24.7931, 0.3754, 0.4263



24.7931, 0.2317, 0.3329



24.7931, 0.2477, 0.2419

Rectangle

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



24.7931, 0.3994, 0.3168



24.7931, 0.4194, 0.3876



24.7931, 0.2317, 0.3329



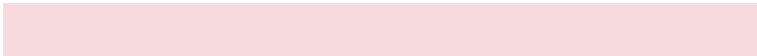
24.7931, 0.2154, 0.2595

Sweetspot

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



24.7943, 0.3994, 0.3168



75.0391, 0.3320, 0.3255



25.8318, 0.3063, 0.2289



16.0828, 0.3344, 0.3250



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



24.7943, 0.3994, 0.3168



37.4131, 0.4303, 0.3143



31.9214, 0.3958, 0.3674



9.5543, 0.3270, 0.3263



7.3254, 0.6236, 0.3209



0.2931, 0.5749, 0.2941

Inverse Universe

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



24.7943, 0.3994, 0.3168



37.4131, 0.4303, 0.3143



33.6509, 0.2519, 0.2864



9.5543, 0.3270, 0.3263



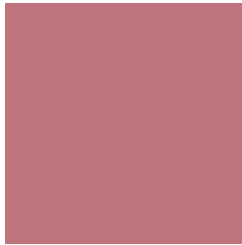
7.3254, 0.6236, 0.3209



0.2931, 0.5749, 0.2941

Previews

White Background



This preview shows how the Yxy color 24.7931, 0.3994, 0.3168 looks on a white background.

Color Contrast Check

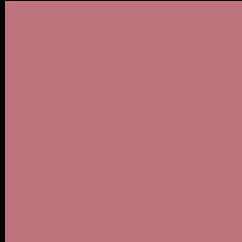
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.7931, 0.3994, 0.3168 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

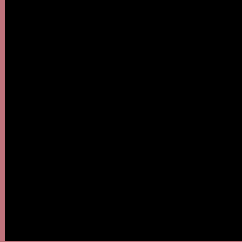
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.7931, 0.3994, 0.3168

Background



This preview shows how black text looks on a background with the Yxy color 24.7931, 0.3994, 0.3168.



This preview shows how white text looks on a background with the Yxy color 24.7931, 0.3994, 0.3168.

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

24.7931, 0.3994, 0.3168

Protanopia

24.9613, 0.3172, 0.3290

Deuteranopia

24.9509, 0.3533, 0.3469



Tritanopia

24.7931, 0.3994, 0.3168

Trichromacy



Original Color

24.7931, 0.3994, 0.3168

Protanomaly

24.4752, 0.3453, 0.3228

Deuteranomaly

24.7619, 0.3702, 0.3353

Tritanomaly

24.7931, 0.3994, 0.3168

Monochromacy



Original Color

24.7931, 0.3994, 0.3168

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

24.9556, 0.3413, 0.3227

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.7931, 0.3994, 0.3168 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(191, 115, 124)` looks like.

```
.text, #text, p{  
    color:rgb(191, 115, 124)  
}
```

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(191, 115, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 115, 124) }
```

Border

The CSS property to change the border of an element to Yxy 24.7931, 0.3994, 0.3168 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(191, 115, 124) }
```

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

```
.border{ border-color:rgb(191, 115, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 115, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 115, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 115, 124);  
box-shadow:4px 4px 4px 4px rgb(191, 115,  
124) }
```


Background

The CSS property to change the background color of an element to Yxy 24.7931, 0.3994, 0.3168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 115, 124) }
```

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

```
.background{ background-color: rgb(191,  
115, 124) }
```

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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