

Converting Colors

$Y_{xy}(24.3930, 0.3976, 0.3113)$

Have a look what the booklet for
Yxy(24.3930, 0.3976, 0.3113)
contains.

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Color

Yxy(24.3930, 0.3976, 0.3113)

Conversions

Conversions Part 1

Format	Color
Hex	BF717E
RGB	191, 113, 126
RGB Percent	75%, 44%, 49%
CMY	0.2510, 0.5568, 0.5058
CMYK	0.00, 0.41, 0.34, 0.25
HSL	350°, 38%, 60%
HSV	350°, 41%, 75%
XYZ	31.1553, 24.3930, 22.8102
YIQ	137.8040, 42.3150, 20.5790

Conversions

Conversions Part 2

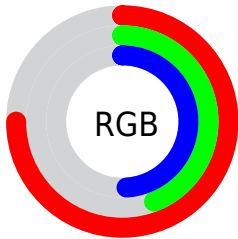
Format	Color
R_{YB}	191, 113, 126
Decimal	12546430
CIE _{Lab}	56.48, 32.34, 6.18
CIE _{LCh}	56, 32.923, 10.822
Yxy	24.3930, 0.3976, 0.3113
Android (android.graphics.Color)	4290736510 (0xFFBF717E)
YUV	137.8040, -5.8194, 46.6529
Hunter-Lab	49.3893, 26.1687, 7.1897

Details

The Yxy color **24.3930, 0.3976, 0.3113** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **43.9812, 0.2651, 0.3483**, and the grayscale version is **25.3488, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.6668, 0.3785, 0.3152**, and **9.2417, 0.4303, 0.3034** is the 20% darker color. If you saturate the color by 10%, you get **20.1926, 0.4309, 0.3074**, and if you desaturate by 10%, it is **29.5579, 0.3698, 0.3157**.

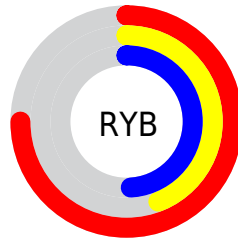
Distribution



Red (75%)

Green (44%)

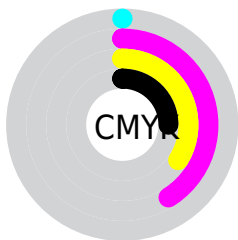
Blue (49%)



Red (75%)

Yellow (44%)

Blue (49%)

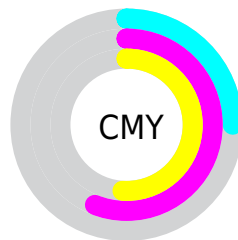


Cyan (0%)

Magenta (41%)

Yellow (34%)

Black (25%)



Cyan (25%)


Magenta (56%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.3930, 0.3976, 0.3113 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 24.3930, 0.3976, 0.3113 by changing the saturation by 10% instead.


 24.3930, 0.3976,
0.3113


 24.3930, 0.3976,
0.3113


274.8014, 0.3503,
0.3219


 15.6254, 0.4113,
0.3079


 50.6708, 0.3791,
0.3156

 9.2595, 0.4301,
0.3031


 68.9497, 0.3726,
0.3171

 4.9108, 0.4575,
0.2955

 91.1679, 0.3672,
0.3183

 2.1950, 0.5009,
0.2825

 117.7098, 0.3627,
0.3193

 0.7173, 0.6062,
0.2650

148.9596, 0.3589,
0.3201

 0.0000, 1.0000,
0.0000


185.3019, 0.3556,


 0.0000, 0.0000,


0.3208


0.0000


227.1210, 0.3528,
0.3214


 24.3930, 0.3976,
0.3113

 24.3930, 0.3976,
0.3113


 20.1926, 0.4309,
0.3074

 29.5579, 0.3698,
0.3157


 16.8932, 0.4693,
0.3048

 35.7383, 0.3471,
0.3202


 14.4295, 0.5113,
0.3040


 42.9860, 0.3287,
0.3246


 12.7259, 0.5533,
0.3060


 51.3481, 0.3138,
0.3287

 11.6927, 0.5902,
0.3109


 60.8689, 0.3018,
0.3325

 11.1782, 0.6161,
0.3168

 71.5905, 0.2920,
0.3359

 83.5526, 0.2841,
0.3391

 89.7072, 0.2765,
0.3307

 89.8147, 0.2757,
0.3289

Harmonies

Analogous

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



24.3930, 0.3452, 0.2732



24.3930, 0.3976, 0.3113



24.3930, 0.4252, 0.3554

Triad

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



24.3930, 0.3976, 0.3113



24.3930, 0.3299, 0.4299



24.3930, 0.2151, 0.2515

Complementary

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



24.3930, 0.3976, 0.3113



43.9812, 0.2651, 0.3483

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.



24.3930, 0.2120, 0.2862



24.3930, 0.3976, 0.3113



24.3930, 0.2750, 0.3962

Square

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



24.3930, 0.3976, 0.3113



24.3930, 0.3828, 0.4276



24.3930, 0.2327, 0.3397



24.3930, 0.2412, 0.2392

Rectangle

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



24.3930, 0.3976, 0.3113



24.3930, 0.4246, 0.3844



24.3930, 0.2327, 0.3397



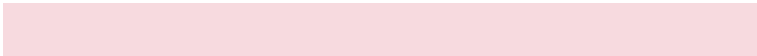
24.3930, 0.2114, 0.2606

Sweetspot

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



24.3942, 0.3976, 0.3113



75.1158, 0.3310, 0.3240



24.8847, 0.3018, 0.2250



16.1011, 0.3332, 0.3234



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.



24.3942, 0.3976, 0.3113



36.8842, 0.4271, 0.3078



30.3592, 0.4009, 0.3632



9.5616, 0.3263, 0.3252



7.3555, 0.6134, 0.3153



0.2963, 0.5531, 0.2821

Inverse Universe

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



24.3942, 0.3976, 0.3113



36.8842, 0.4271, 0.3078



34.6522, 0.2514, 0.2913



9.5616, 0.3263, 0.3252



7.3555, 0.6134, 0.3153



0.2963, 0.5531, 0.2821

Previews

White Background



This preview shows how the Yxy color 24.3930, 0.3976, 0.3113 looks on a white background.

Color Contrast Check

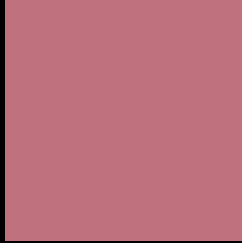
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.3930, 0.3976, 0.3113 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

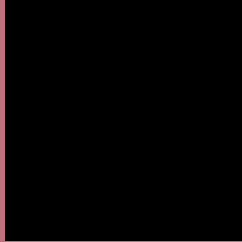
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.3930, 0.3976, 0.3113

Background



This preview shows how black text looks on a background with the Yxy color 24.3930, 0.3976, 0.3113.



This preview shows how white text looks on a background with the Yxy color 24.3930, 0.3976, 0.3113.

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

24.3930, 0.3976, 0.3113

Protanopia

24.5662, 0.3130, 0.3239

Deuteranopia

24.5327, 0.3489, 0.3421



Tritanopia

24.5161, 0.4026, 0.3182

Trichromacy



Original Color

24.3930, 0.3976, 0.3113

Protanomaly

24.0681, 0.3408, 0.3179

Deuteranomaly

24.0860, 0.3660, 0.3292

Tritanomaly

24.5411, 0.4012, 0.3168

Monochromacy



Original Color

24.3930, 0.3976, 0.3113

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

24.5898, 0.3403, 0.3211

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.3930, 0.3976, 0.3113 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, 113, 126)` looks like.

```
.text, #text, p{  
    color:rgb(191, 113, 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(191, 113, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 113, 126) }
```

Border

The CSS property to change the border of an element to Yxy 24.3930, 0.3976, 0.3113 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, 113, 126) }
```

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

```
.border{ border-color:rgb(191, 113, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 113, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 113, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 113, 126);  
box-shadow:4px 4px 4px 4px rgb(191, 113,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 24.3930, 0.3976, 0.3113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 113, 126) }
```

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

```
.background{ background-color: rgb(191,  
113, 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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