

Converting Colors

$Y_{xy}(24.9630, 0.3797, 0.3162)$

Have a look what the booklet for
Yxy(24.9630, 0.3797, 0.3162)
contains.

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Color

Yxy(24.9630, 0.3797, 0.3162)

Conversions

Conversions Part 1

Format	Color
Hex	B67881
RGB	182, 120, 129
RGB Percent	71%, 47%, 51%
CMY	0.2861, 0.5295, 0.4941
CMYK	0.00, 0.34, 0.29, 0.29
HSL	351°, 30%, 59%
HSV	351°, 34%, 71%
XYZ	29.9761, 24.9630, 24.0077
YIQ	139.5640, 34.0630, 15.9430

Conversions

Conversions Part 2

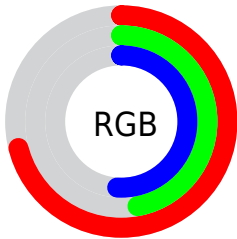
Format	Color
R_{YB}	182, 120, 129
Decimal	11958401
CIE Lab	57.04, 25.52, 5.10
CIE LCh	57, 26.023, 11.311
Yxy	24.9630, 0.3797, 0.3162
Android (android.graphics.Color)	4290148481 (0xFFB67881)
YUV	139.5640, -5.2081, 37.2164
Hunter-Lab	49.9630, 19.6588, 6.4846

Details

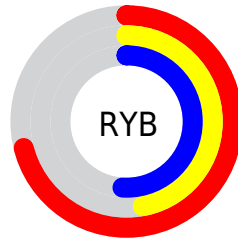
The Yxy color **24.9630, 0.3797, 0.3162** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **40.4795, 0.2710, 0.3425**, and the grayscale version is **26.0591, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.6153, 0.3648, 0.3192**, and **9.4715, 0.4046, 0.3093** is the 20% darker color. If you saturate the color by 10%, you get **20.6118, 0.4099, 0.3125**, and if you desaturate by 10%, it is **30.2118, 0.3549, 0.3201**.

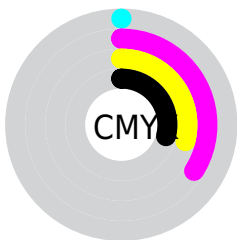
Distribution



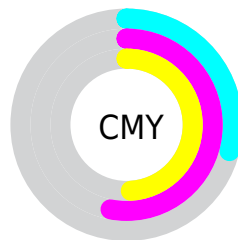
- Red (71%)
- Green (47%)
- Blue (51%)



- Red (71%)
- Yellow (47%)
- Blue (51%)



- Cyan (0%)
- Magenta (34%)
- Yellow (29%)
- Black (29%)





- Cyan (29%)
- Magenta (53%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.9630, 0.3797, 0.3162 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 24.9630, 0.3797, 0.3162 by changing the saturation by 10% instead.


 24.9630, 0.3797,
0.3162

 24.9630, 0.3797,
0.3162


277.6536, 0.3425,
0.3238

 16.0495, 0.3904,
0.3138


 51.5972, 0.3652,
0.3193

 9.5592, 0.4052,
0.3104


 70.0867, 0.3600,
0.3204

 5.1077, 0.4268,
0.3050

 92.5369, 0.3558,
0.3212

 2.3106, 0.4611,
0.2959

119.3323, 0.3523,
0.3219

 0.7793, 0.5378,
0.2834

150.8573, 0.3493,
0.3225

 0.0000, 1.0000,
0.0000


187.4963, 0.3467,


 0.0000, 0.0000,


0.3230


0.0000


229.6336, 0.3445,
0.3234


 24.9630, 0.3797,
0.3162


 24.9630, 0.3797,
0.3162


 20.6118, 0.4099,
0.3125


 30.2118, 0.3549,
0.3201


 17.1046, 0.4457,
0.3095


 36.4009, 0.3347,
0.3239


 14.3874, 0.4865,
0.3077


 43.5746, 0.3184,
0.3276

 12.3986, 0.5296,
0.3079


 51.7732, 0.3053,
0.3310

 11.0673, 0.5709,
0.3106


 61.0349, 0.2946,
0.3341

 10.3084, 0.6047,
0.3159

 71.3957, 0.2860,
0.3369

 10.0257, 0.6202,
0.3190

 82.8902, 0.2789,
0.3394

 88.5910, 0.2718,
0.3305

 88.6891, 0.2711,
0.3289

Harmonies

Analogous

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



24.9630, 0.3394, 0.2848



24.9630, 0.3797, 0.3162



24.9630, 0.4010, 0.3521

Triad

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



24.9630, 0.3797, 0.3162



24.9630, 0.3266, 0.4066



24.9630, 0.2346, 0.2675

Complementary

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



24.9630, 0.3797, 0.3162



40.4795, 0.2710, 0.3425

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.



24.9630, 0.2319, 0.2957



24.9630, 0.3797, 0.3162



24.9630, 0.2829, 0.3801

Square

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



24.9630, 0.3797, 0.3162



24.9630, 0.3683, 0.4070



24.9630, 0.2488, 0.3374



24.9630, 0.2563, 0.2570

Rectangle

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



24.9630, 0.3797, 0.3162



24.9630, 0.4007, 0.3751



24.9630, 0.2488, 0.3374



24.9630, 0.2315, 0.2750

Sweetspot

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



24.9642, 0.3797, 0.3162



70.8415, 0.3279, 0.3254



25.6619, 0.3064, 0.2432



15.2544, 0.3303, 0.3249



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.



24.9642, 0.3797, 0.3162



39.0973, 0.4022, 0.3134



30.5628, 0.3809, 0.3602



9.0329, 0.3265, 0.3257



7.0834, 0.6180, 0.3178



0.2565, 0.5590, 0.2853

Inverse Universe

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



24.9642, 0.3797, 0.3162



39.0973, 0.4022, 0.3134



32.6227, 0.2608, 0.2953



9.0329, 0.3265, 0.3257



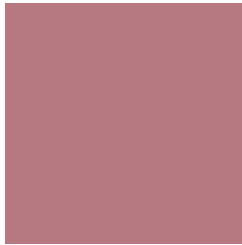
7.0834, 0.6180, 0.3178



0.2565, 0.5590, 0.2853

Previews

White Background



This preview shows how the Yxy color 24.9630, 0.3797, 0.3162 looks on a white background.

Color Contrast Check

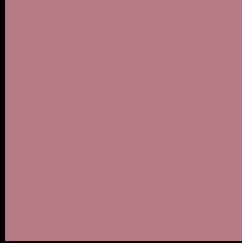
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.9630, 0.3797, 0.3162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

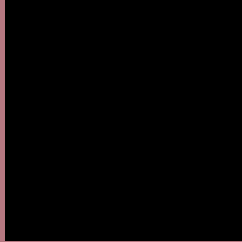
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.9630, 0.3797, 0.3162

Background



This preview shows how black text looks on a background with the Yxy color 24.9630, 0.3797, 0.3162.



This preview shows how white text looks on a background with the Yxy color 24.9630, 0.3797, 0.3162.

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

24.9630, 0.3797, 0.3162

Protanopia

25.2153, 0.3139, 0.3273

Deuteranopia

24.9049, 0.3440, 0.3372



Tritanopia

24.9630, 0.3797, 0.3162

Trichromacy



Original Color

24.9630, 0.3797, 0.3162

Protanomaly

24.9504, 0.3363, 0.3227

Deuteranomaly

24.8894, 0.3561, 0.3291

Tritanomaly

24.9630, 0.3797, 0.3162

Monochromacy



Original Color

24.9630, 0.3797, 0.3162

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

25.5212, 0.3348, 0.3243

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.9630, 0.3797, 0.3162 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, 120, 129)` looks like.

```
.text, #text, p{  
    color:rgb(182, 120, 129)  
}
```

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, 120, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 120, 129) }
```

Border

The CSS property to change the border of an element to Yxy 24.9630, 0.3797, 0.3162 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, 120, 129) }
```

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

```
.border{ border-color:rgb(182, 120, 129) }
```

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

Here you see how a box with a 4 pixel rgb(182, 120, 129) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 120, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 120, 129);  
box-shadow:4px 4px 4px 4px rgb(182, 120,  
129) }
```


Background

The CSS property to change the background color of an element to Yxy 24.9630, 0.3797, 0.3162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 120, 129) }
```

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

```
.background{ background-color: rgb(182,  
120, 129) }
```

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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