

Converting Colors

$Yxy(24.1483, 0.3861, 0.3177)$

Have a look what the booklet for
Yxy(24.1483, 0.3861, 0.3177)
contains.

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Color

Yxy(24.1483, 0.3861, 0.3177)

Conversions

Conversions Part 1

Format	Color
Hex	B6757D
RGB	182, 117, 125
RGB Percent	71%, 46%, 49%
CMY	0.2864, 0.5411, 0.5098
CMYK	0.00, 0.36, 0.31, 0.29
HSL	353°, 31%, 59%
HSV	353°, 36%, 71%
XYZ	29.3474, 24.1483, 22.5141
YIQ	137.3470, 36.1720, 16.2680

Conversions

Conversions Part 2

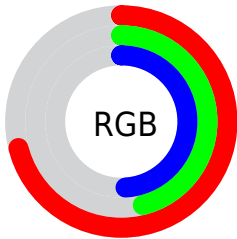
Format	Color
R_{YB}	182, 117, 125
Decimal	11957629
CIE _{Lab}	56.24, 26.58, 6.28
CIE _{LCh}	56, 27.315, 13.288
Yxy	24.1483, 0.3861, 0.3177
Android (android.graphics.Color)	4290147709 (0xFFB6757D)
YUV	137.3470, -6.0871, 39.1607
Hunter-Lab	49.1409, 20.6051, 7.2347

Details

The Yxy color **24.1483, 0.3861, 0.3177** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **40.2798, 0.2684, 0.3410**, and the grayscale version is **25.1683, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.3145, 0.3692, 0.3203**, and **9.1681, 0.4144, 0.3133** is the 20% darker color. If you saturate the color by 10%, you get **19.9366, 0.4181, 0.3147**, and if you desaturate by 10%, it is **29.2521, 0.3597, 0.3210**.

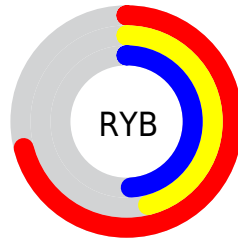
Distribution



Red (71%)

Green (46%)

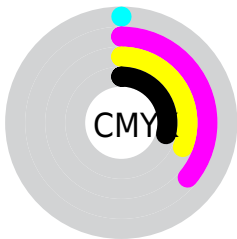
Blue (49%)



Red (71%)

Yellow (46%)

Blue (49%)

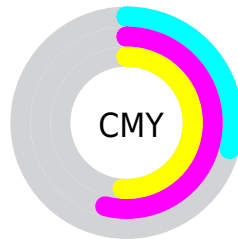


Cyan (0%)

Magenta (36%)

Yellow (31%)

Black (29%)



Cyan (29%)

Magenta (54%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.1483, 0.3861, 0.3177 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 24.1483, 0.3861, 0.3177 by changing the saturation by 10% instead.


 24.1483, 0.3861,
0.3177


 24.1483, 0.3861,
0.3177


273.5694, 0.3451,
0.3247


 15.4437, 0.3980,
0.3154


 50.2721, 0.3700,
0.3206

 9.1314, 0.4145,
0.3120


 68.4600, 0.3644,
0.3216

 4.8270, 0.4386,
0.3066

 90.5779, 0.3597,
0.3224

 2.1461, 0.4773,
0.2970

117.0100, 0.3558,
0.3230

 0.6904, 0.5818,
0.2878

148.1409, 0.3525,
0.3235

 0.0000, 1.0000,
0.0000

184.3548, 0.3497,

 0.0000, 0.0000,

0.3240

0.0000

226.0361, 0.3473,
0.3243

■ 24.1483, 0.3861,
0.3177

■ 24.1483, 0.3861,
0.3177

■ 19.9366, 0.4181,
0.3147

■ 29.2521, 0.3597,
0.3210

■ 16.5624, 0.4559,
0.3123

■ 35.2915, 0.3383,
0.3242

■ 13.9707, 0.4983,
0.3111


■ 42.3114, 0.3210,
0.3273

■ 12.0983, 0.5423,
0.3118


■ 50.3527, 0.3071,
0.3302

■ 10.8721, 0.5828,
0.3148

■ 59.4540, 0.2958,
0.3329


 10.2006, 0.6141,
0.3197

 69.6518, 0.2867,
0.3353

 9.9997, 0.6245,
0.3214

 80.9812, 0.2792,
0.3374

 88.5332, 0.2722,
0.3313

 88.6805, 0.2711,
0.3289

Harmonies

Analogous

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



24.1483, 0.3441, 0.2842



24.1483, 0.3861, 0.3177



24.1483, 0.4070, 0.3556

Triad

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



24.1483, 0.3861, 0.3177



24.1483, 0.3240, 0.4106



24.1483, 0.2311, 0.2625

Complementary

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



24.1483, 0.3861, 0.3177



40.2798, 0.2684, 0.3410

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.



24.1483, 0.2268, 0.2909



24.1483, 0.3861, 0.3177



24.1483, 0.2782, 0.3808

Square

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



24.1483, 0.3861, 0.3177



24.1483, 0.3689, 0.4125



24.1483, 0.2433, 0.3345



24.1483, 0.2552, 0.2529

Rectangle

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



24.1483, 0.3861, 0.3177



24.1483, 0.4053, 0.3797



24.1483, 0.2433, 0.3345



24.1483, 0.2274, 0.2699

Sweetspot

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



24.1495, 0.3861, 0.3177



69.5190, 0.3300, 0.3257



25.0232, 0.3072, 0.2395



14.9817, 0.3324, 0.3252



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.



24.1495, 0.3861, 0.3177



37.5356, 0.4114, 0.3152



30.2267, 0.3845, 0.3633



9.0297, 0.3269, 0.3262



7.0704, 0.6226, 0.3203



0.2551, 0.5698, 0.2912

Inverse Universe

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



24.1495, 0.3861, 0.3177



37.5356, 0.4114, 0.3152



31.6651, 0.2582, 0.2917



9.0297, 0.3269, 0.3262



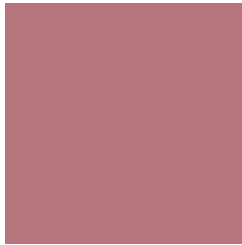
7.0704, 0.6226, 0.3203



0.2551, 0.5698, 0.2912

Previews

White Background



This preview shows how the Yxy color 24.1483, 0.3861, 0.3177 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 24.1483, 0.3861, 0.3177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

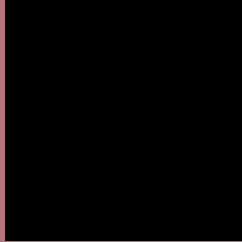
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.1483, 0.3861, 0.3177

Background



This preview shows how black text looks on a background with the Yxy color 24.1483, 0.3861, 0.3177.



This preview shows how white text looks on a background with the Yxy color 24.1483, 0.3861, 0.3177.

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

24.1483, 0.3861, 0.3177

Protanopia

24.4805, 0.3161, 0.3290

Deuteranopia

24.1676, 0.3480, 0.3406



Tritanopia

24.1740, 0.3848, 0.3162

Trichromacy



Original Color

24.1483, 0.3861, 0.3177

Protanomaly

23.9471, 0.3404, 0.3242

Deuteranomaly

24.0150, 0.3619, 0.3307

Tritanomaly

24.1740, 0.3848, 0.3162

Monochromacy



Original Color

24.1483, 0.3861, 0.3177

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

24.4310, 0.3365, 0.3242

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.1483, 0.3861, 0.3177 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, 117, 125)` looks like.

```
.text, #text, p{  
    color:rgb(182, 117, 125)  
}
```

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, 117, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 117, 125) }
```

Border

The CSS property to change the border of an element to Yxy 24.1483, 0.3861, 0.3177 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, 117, 125) }
```

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

```
.border{ border-color:rgb(182, 117, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 117, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 117, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 117, 125);  
box-shadow:4px 4px 4px 4px rgb(182, 117,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 24.1483, 0.3861, 0.3177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 117, 125) }
```

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

```
.background{ background-color: rgb(182,  
117, 125) }
```

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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