

Converting Colors

$Y_{xy}(25.1058, 0.3726, 0.3199)$

Have a look what the booklet for
Yxy(25.1058, 0.3726, 0.3199)
contains.

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Color

Yxy(25.0980, 0.3724, 0.3203)

Conversions

Conversions Part 1

Format	Color
Hex	B17B81
RGB	177, 123, 129
RGB Percent	69%, 48%, 51%
CMY	0.3058, 0.5177, 0.4941
CMYK	0.00, 0.31, 0.27, 0.31
HSL	353°, 26%, 59%
HSV	353°, 31%, 69%
XYZ	29.1804, 25.0980, 24.0793
YIQ	139.8300, 30.2580, 13.3140

Conversions

Conversions Part 2

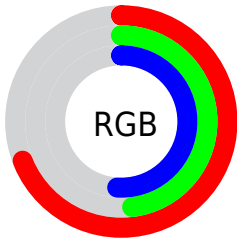
Format	Color
R_{YB}	177, 123, 129
Decimal	11631489
CIE _{Lab}	57.17, 21.91, 5.21
CIE _{LCh}	57, 22.523, 13.376
Yxy	25.0980, 0.3724, 0.3203
Android (android.graphics.Color)	4289821569 (0xFFB17B81)
YUV	139.8300, -5.3392, 32.5981
Hunter-Lab	50.0979, 16.2993, 6.5710

Details

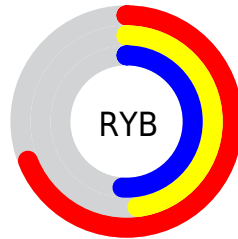
The Yxy color **25.0980, 0.3724, 0.3203** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **38.6022, 0.2736, 0.3381**, and the grayscale version is **26.1694, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.9205, 0.3595, 0.3224**, and **9.6877, 0.3946, 0.3168** is the 20% darker color. If you saturate the color by 10%, you get **20.7108, 0.4018, 0.3174**, and if you desaturate by 10%, it is **30.3460, 0.3484, 0.3233**.

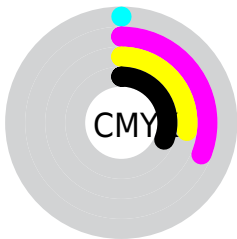
Distribution



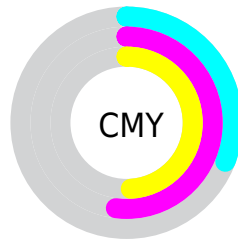
- Red (69%)
- Green (48%)
- Blue (51%)



- Red (69%)
- Yellow (48%)
- Blue (51%)



- Cyan (0%)
- Magenta (31%)
- Yellow (27%)
- Black (31%)





- Cyan (31%)
- Magenta (52%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.0980, 0.3724, 0.3203 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 25.0980, 0.3724, 0.3203 by changing the saturation by 10% instead.


 25.0980, 0.3724,
0.3203


 25.0980, 0.3724,
0.3203


278.3256, 0.3393,
0.3256


 16.1501, 0.3820,
0.3186


 51.8162, 0.3595,
0.3225

 9.6304, 0.3951,
0.3161


 70.3552, 0.3549,
0.3232

 5.1546, 0.4144,
0.3122

 92.8601, 0.3511,
0.3238

 2.3383, 0.4451,
0.3053

119.7152, 0.3480,
0.3243

 0.7938, 0.5149,
0.2976

151.3049, 0.3453,
0.3247

 0.0000, 1.0000,
0.0000


188.0136, 0.3430,


 0.0000, 0.0000,


0.3250

0.0000


230.2257, 0.3410,
0.3253

 25.0980, 0.3724,
0.3203


 25.0980, 0.3724,
0.3203


 20.7108, 0.4018,
0.3174


 30.3460, 0.3484,
0.3233

 17.1352, 0.4370,
0.3149

 36.4937, 0.3290,
0.3262

 14.3222, 0.4776,
0.3133


 43.5818, 0.3134,
0.3289

 12.2164, 0.5216,
0.3130


 51.6475, 0.3008,
0.3314

 10.7547, 0.5649,
0.3147

 60.7260, 0.2906,
0.3336

 9.8626, 0.6014,
0.3184

 70.8506, 0.2823,
0.3357

 9.3987, 0.6262,
0.3223

 82.0534, 0.2755,
0.3376

 88.0797, 0.2687,
0.3290

 88.0892, 0.2686,
0.3289

Harmonies

Analogous

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



25.0980, 0.3386, 0.2921



25.0980, 0.3724, 0.3203



25.0980, 0.3893, 0.3519

Triad

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



25.0980, 0.3724, 0.3203



25.0980, 0.3224, 0.3945



25.0980, 0.2453, 0.2746

Complementary

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



25.0980, 0.3724, 0.3203



38.6022, 0.2736, 0.3381

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.



25.0980, 0.2418, 0.2985



25.0980, 0.3724, 0.3203



25.0980, 0.2847, 0.3705

Square

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



25.0980, 0.3724, 0.3203



25.0980, 0.3590, 0.3971



25.0980, 0.2557, 0.3339



25.0980, 0.2656, 0.2660

Rectangle

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



25.0980, 0.3724, 0.3203



25.0980, 0.3882, 0.3716



25.0980, 0.2557, 0.3339



25.0980, 0.2422, 0.2809

Sweetspot

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



25.0992, 0.3724, 0.3203



66.9758, 0.3267, 0.3265



25.9657, 0.3093, 0.2529



14.1458, 0.3292, 0.3261



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.



25.0992, 0.3724, 0.3203



39.1991, 0.3927, 0.3182



30.6360, 0.3711, 0.3593



8.5201, 0.3270, 0.3265



6.8129, 0.6244, 0.3214



0.2193, 0.5722, 0.2926

Inverse Universe

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



25.0992, 0.3724, 0.3203



39.1991, 0.3927, 0.3182



31.2664, 0.2659, 0.2964



8.5201, 0.3270, 0.3265



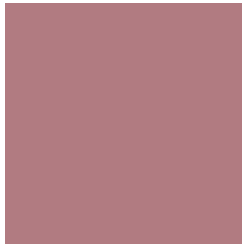
6.8129, 0.6244, 0.3214



0.2193, 0.5722, 0.2926

Previews

White Background



This preview shows how the Yxy color 25.0980, 0.3724, 0.3203 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 25.0980, 0.3724, 0.3203 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 25.0980, 0.3724, 0.3203

Background



This preview shows how black text looks on a background with the Yxy color 25.0980, 0.3724, 0.3203.



This preview shows how white text looks on a background with the Yxy color 25.0980, 0.3724, 0.3203.

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

25.0980, 0.3724, 0.3203

Protanopia

25.2729, 0.3160, 0.3290

Deuteranopia

25.2759, 0.3449, 0.3388



Tritanopia

25.1790, 0.3686, 0.3159

Trichromacy



Original Color

25.0980, 0.3724, 0.3203

Protanomaly

24.9961, 0.3349, 0.3258

Deuteranomaly

25.0456, 0.3545, 0.3307

Tritanomaly

25.1517, 0.3699, 0.3174

Monochromacy



Original Color

25.0980, 0.3724, 0.3203

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

25.6001, 0.3323, 0.3259

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.0980, 0.3724, 0.3203 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, 123, 129)` looks like.

```
.text, #text, p{  
    color:rgb(177, 123, 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(177, 123, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 123, 129) }
```

Border

The CSS property to change the border of an element to Yxy 25.0980, 0.3724, 0.3203 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, 123, 129) }
```

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

```
.border{ border-color:rgb(177, 123, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 123, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 123, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 123, 129);  
box-shadow:4px 4px 4px 4px rgb(177, 123,  
129) }
```


Background

The CSS property to change the background color of an element to Yxy 25.0980, 0.3724, 0.3203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 123, 129) }
```

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

```
.background{ background-color: rgb(177,  
123, 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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