

Converting Colors

$Y_{xy}(25.1185, 0.3909, 0.3150)$

Have a look what the booklet for
Yxy(25.1185, 0.3909, 0.3150)
contains.

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Color

Yxy(25.0737, 0.3920, 0.3153)

Conversions

Conversions Part 1

Format	Color
Hex	BD757F
RGB	189, 117, 127
RGB Percent	74%, 46%, 50%
CMY	0.2589, 0.5411, 0.5019
CMYK	0.00, 0.38, 0.33, 0.26
HSL	352°, 35%, 60%
HSV	352°, 38%, 74%
XYZ	31.1731, 25.0737, 23.2765
YIQ	139.6680, 39.7020, 18.3740

Conversions

Conversions Part 2

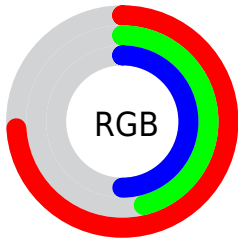
Format	Color
R_{YB}	189, 117, 127
Decimal	12416383
CIE _{Lab}	57.15, 29.52, 6.53
CIE _{LCh}	57, 30.237, 12.470
Yxy	25.0737, 0.3920, 0.3153
Android (android.graphics.Color)	4290606463 (0xFFBD757F)
YUV	139.6680, -6.2453, 43.2642
Hunter-Lab	50.0736, 23.4955, 7.4909

Details

The Yxy color **25.0737, 0.3920, 0.3153** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **43.4203, 0.2665, 0.3437**, and the grayscale version is **26.1042, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.8189, 0.3746, 0.3184**, and **9.6327, 0.4233, 0.3086** is the 20% darker color. If you saturate the color by 10%, you get **20.7154, 0.4249, 0.3120**, and if you desaturate by 10%, it is **30.3919, 0.3647, 0.3190**.

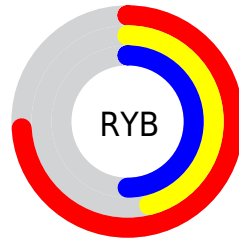
Distribution



Red (74%)

Green (46%)

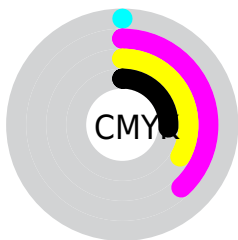
Blue (50%)



Red (74%)

Yellow (46%)

Blue (50%)

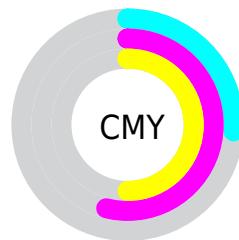


Cyan (0%)

Magenta (38%)

Yellow (33%)

Black (26%)



Cyan (26%)


Magenta (54%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.0737, 0.3920, 0.3153 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 25.0737, 0.3920, 0.3153 by changing the saturation by 10% instead.


 25.0737, 0.3920,
0.3153


 25.0737, 0.3920,
0.3153


278.2048, 0.3480,
0.3236


 16.1320, 0.4047,
0.3126


 51.7768, 0.3748,
0.3187

 9.6176, 0.4221,
0.3087


 70.3069, 0.3687,
0.3199

 5.1462, 0.4474,
0.3025

 92.8019, 0.3637,
0.3208

 2.3333, 0.4873,
0.2918

119.6463, 0.3596,
0.3216

 0.7912, 0.5788,
0.2786

151.2244, 0.3560,
0.3222

 0.0000, 1.0000,
0.0000

187.9205, 0.3530,


 0.0000, 0.0000,


0.3228


0.0000


230.1192, 0.3503,
0.3232


 25.0737, 0.3920,
0.3153


 25.0737, 0.3920,
0.3153


 20.7154, 0.4249,
0.3120

 30.3919, 0.3647,
0.3190


 17.2561, 0.4633,
0.3095


 36.7187, 0.3426,
0.3227


 14.6341, 0.5059,
0.3085


 44.1039, 0.3246,
0.3263


 12.7778, 0.5492,
0.3098

 52.5928, 0.3102,
0.3296

 11.6039, 0.5881,
0.3136


 62.2283, 0.2985,
0.3327

 10.9846, 0.6173,
0.3192

 73.0509, 0.2890,
0.3355

 10.8907, 0.6219,
0.3200

 85.0990, 0.2813,
0.3380

 89.5551, 0.2747,
0.3289

Harmonies

Analogous

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



25.0737, 0.3454, 0.2795



25.0737, 0.3920, 0.3153



25.0737, 0.4156, 0.3562

Triad

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



25.0737, 0.3920, 0.3153



25.0737, 0.3260, 0.4193



25.0737, 0.2238, 0.2571

Complementary

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



25.0737, 0.3920, 0.3153



43.4203, 0.2665, 0.3437

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.



25.0737, 0.2198, 0.2881



25.0737, 0.3920, 0.3153



25.0737, 0.2760, 0.3872

Square

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



25.0737, 0.3920, 0.3153



25.0737, 0.3748, 0.4198



25.0737, 0.2379, 0.3362



25.0737, 0.2491, 0.2465

Rectangle

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



25.0737, 0.3920, 0.3153



25.0737, 0.4141, 0.3825



25.0737, 0.2379, 0.3362



25.0737, 0.2200, 0.2652

Sweetspot

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



25.0749, 0.3920, 0.3153



74.7059, 0.3298, 0.3252



25.8864, 0.3054, 0.2329



15.6734, 0.3321, 0.3247



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



25.0749, 0.3920, 0.3153



38.0635, 0.4202, 0.3124



31.5065, 0.3917, 0.3641



9.5574, 0.3267, 0.3258



7.3369, 0.6196, 0.3187



0.2944, 0.5655, 0.2889

Inverse Universe

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



25.0749, 0.3920, 0.3153



38.0635, 0.4202, 0.3124



33.9315, 0.2548, 0.2905



9.5574, 0.3267, 0.3258



7.3369, 0.6196, 0.3187



0.2944, 0.5655, 0.2889

Previews

White Background



This preview shows how the Yxy color 25.0737, 0.3920, 0.3153 looks on a white background.

Color Contrast Check

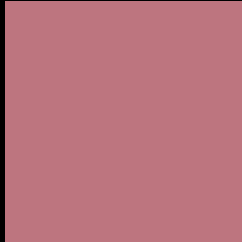
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.0737, 0.3920, 0.3153 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

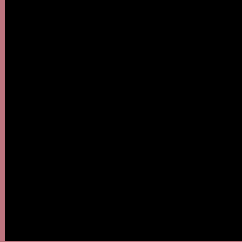
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.0737, 0.3920, 0.3153

Background



This preview shows how black text looks on a background with the Yxy color 25.0737, 0.3920, 0.3153.



This preview shows how white text looks on a background with the Yxy color 25.0737, 0.3920, 0.3153.

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

25.0737, 0.3920, 0.3153

Protanopia

25.3017, 0.3150, 0.3273

Deuteranopia

25.2982, 0.3495, 0.3436



Tritanopia

25.0478, 0.3934, 0.3167

Trichromacy



Original Color

25.0737, 0.3920, 0.3153

Protanomaly

24.9556, 0.3413, 0.3227

Deuteranomaly

24.9842, 0.3649, 0.3322

Tritanomaly

25.0478, 0.3934, 0.3167

Monochromacy



Original Color

25.0737, 0.3920, 0.3153

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

25.5209, 0.3396, 0.3243

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.0737, 0.3920, 0.3153 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(189, 117, 127)` looks like.

```
.text, #text, p{  
    color:rgb(189, 117, 127)  
}
```

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(189, 117, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 117, 127) }
```

Border

The CSS property to change the border of an element to Yxy 25.0737, 0.3920, 0.3153 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(189, 117, 127) }
```

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

```
.border{ border-color:rgb(189, 117, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 117, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 117, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 117, 127);  
box-shadow:4px 4px 4px 4px rgb(189, 117,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 25.0737, 0.3920, 0.3153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 117, 127) }
```

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

```
.background{ background-color: rgb(189,  
117, 127) }
```

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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