

Converting Colors

$Y_{xy}(25.6633, 0.3871, 0.3292)$

Have a look what the booklet for
Yxy(25.6633, 0.3871, 0.3292)
contains.

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Color

Yxy(25.6633, 0.3872, 0.3292)

Conversions

Conversions Part 1

Format	Color
Hex	B77B7B
RGB	183, 123, 123
RGB Percent	72%, 48%, 48%
CMY	0.2824, 0.5176, 0.5176
CMYK	0.00, 0.33, 0.33, 0.28
HSL	360°, 29%, 60%
HSV	360°, 33%, 72%
XYZ	30.1848, 25.6633, 22.1085
YIQ	140.9400, 35.7600, 12.7200

Conversions

Conversions Part 2

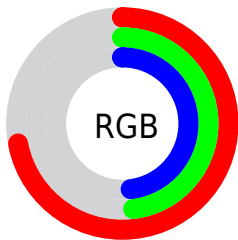
Format	Color
R _Y B	183, 123, 123
Decimal	12024699
CIE Lab	57.72, 23.39, 9.54
CIE LCh	58, 25.261, 22.200
Yxy	25.6633, 0.3872, 0.3292
Android (android.graphics.Color)	4290214779 (0xFFB77B7B)
YUV	140.9400, -8.8444, 36.8866
Hunter-Lab	50.6590, 17.7048, 9.5860

Details

The Yxy color **25.6633, 0.3872, 0.3292** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **41.4899, 0.2667, 0.3289**, and the grayscale version is **26.6372, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.6711, 0.3712, 0.3303**, and **9.8487, 0.4161, 0.3273** is the 20% darker color. If you saturate the color by 10%, you get **21.1243, 0.4222, 0.3293**, and if you desaturate by 10%, it is **31.1389, 0.3586, 0.3291**.

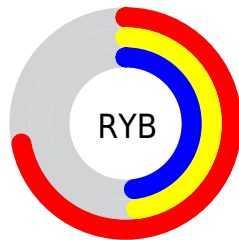
Distribution



Red (72%)

Green (48%)

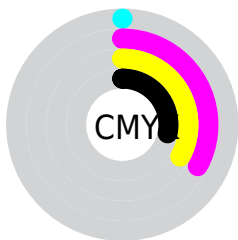
Blue (48%)



Red (72%)

Yellow (48%)

Blue (48%)

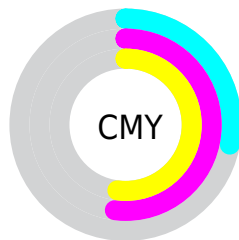


Cyan (0%)

Magenta (33%)

Yellow (33%)

Black (28%)



Cyan (28%)


Magenta (52%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.6633, 0.3872, 0.3292 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 25.6633, 0.3872, 0.3292 by changing the saturation by 10% instead.


 25.6633, 0.3872,
0.3292


 25.6633, 0.3872,
0.3292


281.1253, 0.3459,
0.3300


 16.5719, 0.3991,
0.3286


 52.7313, 0.3711,
0.3298

 9.9298, 0.4153,
0.3274


 71.4766, 0.3654,
0.3299

 5.3524, 0.4390,
0.3252

 94.2088, 0.3607,
0.3300

 2.4555, 0.4762,
0.3202

121.3122, 0.3568,
0.3300

 0.8542, 0.5743,
0.3255

153.1711, 0.3534,
0.3300

 0.0000, 1.0000,
0.0000

190.1700, 0.3506,

 0.0000, 0.0000,

0.3300

0.0000

232.6933, 0.3481,
0.3300

■ 25.6633, 0.3872,
0.3292

■ 25.6633, 0.3872,
0.3292

■ 21.1243, 0.4222,
0.3293

■ 31.1389, 0.3586,
0.3291

■ 17.4661, 0.4636,
0.3294

■ 37.5956, 0.3356,
0.3291

■ 14.6326, 0.5100,
0.3296


■ 45.0793, 0.3171,
0.3290


■ 12.5599, 0.5573,
0.3297

■ 53.6322, 0.3024,
0.3290

■ 11.1744, 0.5987,
0.3298

■ 63.2938, 0.2905,
0.3289

 10.3885, 0.6271,
0.3299

 74.1019, 0.2809,
0.3289

 10.0654, 0.6401,
0.3300

 86.0924, 0.2731,
0.3289

 88.8053, 0.2716,
0.3289

Harmonies

Analogous

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



25.6633, 0.3538, 0.2965



25.6633, 0.3872, 0.3292



25.6633, 0.3989, 0.3638

Triad

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



25.6633, 0.3872, 0.3292



25.6633, 0.3105, 0.3969



25.6633, 0.2429, 0.2641

Complementary

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



25.6633, 0.3872, 0.3292



41.4899, 0.2667, 0.3289

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.



25.6633, 0.2334, 0.2853



25.6633, 0.3872, 0.3292



25.6633, 0.2706, 0.3641

Square

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



25.6633, 0.3872, 0.3292



25.6633, 0.3527, 0.4067



25.6633, 0.2431, 0.3217



25.6633, 0.2701, 0.2600

Rectangle

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



25.6633, 0.3872, 0.3292



25.6633, 0.3926, 0.3844



25.6633, 0.2431, 0.3217



25.6633, 0.2377, 0.2692

Sweetspot

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



25.6645, 0.3872, 0.3292



70.6644, 0.3304, 0.3290



27.5300, 0.3154, 0.2487



15.2107, 0.3331, 0.3291



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.



25.6645, 0.3872, 0.3292



40.2123, 0.4105, 0.3293



33.9514, 0.3741, 0.3700



9.0123, 0.3288, 0.3290



7.0232, 0.6400, 0.3300



0.2476, 0.6399, 0.3299

Inverse Universe

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



25.6645, 0.3872, 0.3292



40.2123, 0.4105, 0.3293



30.7402, 0.2612, 0.2840



9.0123, 0.3288, 0.3290



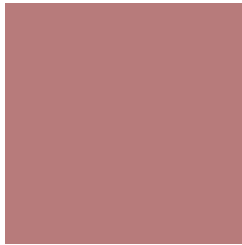
7.0232, 0.6400, 0.3300



0.2476, 0.6399, 0.3299

Previews

White Background



This preview shows how the Yxy color 25.6633, 0.3872, 0.3292 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 25.6633, 0.3872, 0.3292 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

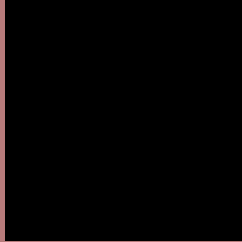
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.6633, 0.3872, 0.3292

Background



This preview shows how black text looks on a background with the Yxy color 25.6633, 0.3872, 0.3292.



This preview shows how white text looks on a background with the Yxy color 25.6633, 0.3872, 0.3292.

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

25.6633, 0.3872, 0.3292

Protanopia

25.6553, 0.3255, 0.3407

Deuteranopia

25.8016, 0.3562, 0.3498



Tritanopia

25.7481, 0.3787, 0.3164

Trichromacy



Original Color

25.6633, 0.3872, 0.3292

Protanomaly

25.6027, 0.3473, 0.3371

Deuteranomaly

25.6952, 0.3673, 0.3414

Tritanomaly

25.6679, 0.3825, 0.3206

Monochromacy



Original Color

25.6633, 0.3872, 0.3292

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

25.8393, 0.3380, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.6633, 0.3872, 0.3292 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(183, 123, 123)` looks like.

```
.text, #text, p{  
    color:rgb(183, 123, 123)  
}
```

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(183, 123, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 123, 123) }
```

Border

The CSS property to change the border of an element to Yxy 25.6633, 0.3872, 0.3292 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(183, 123, 123) }
```

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

```
.border{ border-color:rgb(183, 123, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 123, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 123, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 123, 123);  
box-shadow:4px 4px 4px 4px rgb(183, 123,  
123) }
```


Background

The CSS property to change the background color of an element to Yxy 25.6633, 0.3872, 0.3292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 123, 123) }
```

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

```
.background{ background-color: rgb(183,  
123, 123) }
```

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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