

Converting Colors

$Y_{xy}(25.8424, 0.3798, 0.3218)$

Have a look what the booklet for
Yxy(25.8424, 0.3798, 0.3218)
contains.

Yxy(25.7917, 0.3809, 0.3220)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(25.7917, 0.3809, 0.3220)

Conversions

Conversions Part 1

Format	Color
Hex	B77B80
RGB	183, 123, 128
RGB Percent	72%, 48%, 50%
CMY	0.2823, 0.5176, 0.4980
CMYK	0.00, 0.33, 0.30, 0.28
HSL	355°, 29%, 60%
HSV	355°, 33%, 72%
XYZ	30.5095, 25.7917, 23.7972
YIQ	141.5100, 34.1550, 14.2750

Conversions

Conversions Part 2

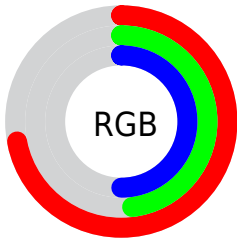
Format	Color
RYB	183, 123, 128
Decimal	12024704
CIELab	57.84, 24.08, 6.84
CIELCh	58, 25.030, 15.851
Yxy	25.7917, 0.3809, 0.3220
Android (android.graphics.Color)	4290214784 (0xFFB77B80)
YUV	141.5100, -6.6604, 36.3867
Hunter-Lab	50.7855, 18.3595, 7.7676

Details

The Yxy color **25.7917, 0.3809, 0.3220** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **41.2945, 0.2699, 0.3364**, and the grayscale version is **26.8644, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.9121, 0.3658, 0.3236**, and **9.9188, 0.4062, 0.3173** is the 20% darker color. If you saturate the color by 10%, you get **21.2632, 0.4128, 0.3199**, and if you desaturate by 10%, it is **31.2444, 0.3548, 0.3242**.

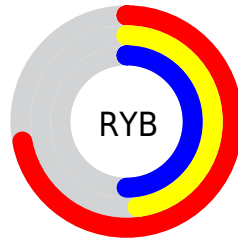
Distribution



Red (72%)

Green (48%)

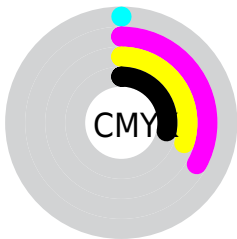
Blue (50%)



Red (72%)

Yellow (48%)

Blue (50%)

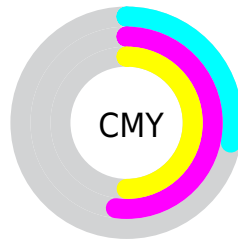


Cyan (0%)

Magenta (33%)

Yellow (30%)

Black (28%)



Cyan (28%)


Magenta (52%)


Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.7917, 0.3809, 0.3220 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 25.7917, 0.3809, 0.3220 by changing the saturation by 10% instead.


 25.7917, 0.3809,
0.3220


 25.7917, 0.3809,
0.3220


281.7580, 0.3432,
0.3265


 16.6679, 0.3917,
0.3204


 52.9387, 0.3662,
0.3239

 9.9980, 0.4066,
0.3181


 71.7307, 0.3610,
0.3246

 5.3976, 0.4281,
0.3143

 94.5142, 0.3567,
0.3251

 2.4824, 0.4622,
0.3075

121.6736, 0.3531,
0.3255

 0.8678, 0.5375,
0.3007

153.5933, 0.3501,
0.3258

 0.0000, 1.0000,
0.0000


190.6576, 0.3475,

 0.0000, 0.0000,

0.3261


0.0000

233.2511, 0.3452,
0.3263

 25.7917, 0.3809,
0.3220

 25.7917, 0.3809,
0.3220

 21.2632, 0.4128,
0.3199


 31.2444, 0.3548,
0.3242


 17.6042, 0.4507,
0.3182

 37.6646, 0.3338,
0.3264


 14.7600, 0.4937,
0.3173

 45.0975, 0.3168,
0.3285

 12.6682, 0.5391,
0.3176


 53.5841, 0.3032,
0.3304


 11.2572, 0.5815,
0.3195

 63.1633, 0.2922,
0.3321

 10.4419, 0.6145,
0.3228

 73.8721, 0.2832,
0.3337

 10.1034, 0.6308,
0.3249

 85.7456, 0.2759,
0.3351

 88.8080, 0.2716,
0.3289

Harmonies

Analogous

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



25.7917, 0.3446, 0.2908



25.7917, 0.3809, 0.3220



25.7917, 0.3976, 0.3565

Triad

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



25.7917, 0.3809, 0.3220



25.7917, 0.3196, 0.4002



25.7917, 0.2401, 0.2678

Complementary

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



25.7917, 0.3809, 0.3220



41.2945, 0.2699, 0.3364

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.



25.7917, 0.2347, 0.2924



25.7917, 0.3809, 0.3220



25.7917, 0.2787, 0.3720

Square

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



25.7917, 0.3809, 0.3220



25.7917, 0.3604, 0.4047



25.7917, 0.2482, 0.3306



25.7917, 0.2635, 0.2602

Rectangle

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



25.7917, 0.3809, 0.3220



25.7917, 0.3949, 0.3778



25.7917, 0.2482, 0.3306



25.7917, 0.2362, 0.2741

Sweetspot

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



25.7929, 0.3809, 0.3220



70.7658, 0.3289, 0.3270



26.9329, 0.3100, 0.2473



15.2357, 0.3315, 0.3267



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.



25.7929, 0.3809, 0.3220



40.4577, 0.4021, 0.3205



32.3664, 0.3763, 0.3632



9.0241, 0.3275, 0.3271



7.0522, 0.6292, 0.3240



0.2527, 0.5899, 0.3023

Inverse Universe

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



25.7929, 0.3809, 0.3220



40.4577, 0.4021, 0.3205



32.4277, 0.2621, 0.2920



9.0241, 0.3275, 0.3271



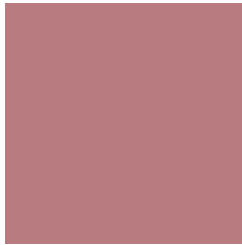
7.0522, 0.6292, 0.3240



0.2527, 0.5899, 0.3023

Previews

White Background



This preview shows how the Yxy color 25.7917, 0.3809, 0.3220 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 25.7917, 0.3809, 0.3220 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 25.7917, 0.3809, 0.3220

Background



This preview shows how black text looks on a background with the Yxy color 25.7917, 0.3809, 0.3220.



This preview shows how white text looks on a background with the Yxy color 25.7917, 0.3809, 0.3220.

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

25.7917, 0.3809, 0.3220

Protanopia

26.0222, 0.3180, 0.3323

Deuteranopia

25.8257, 0.3493, 0.3418



Tritanopia

25.6523, 0.3762, 0.3149

Trichromacy



Original Color

25.7917, 0.3809, 0.3220

Protanomaly

25.6644, 0.3394, 0.3275

Deuteranomaly

25.7131, 0.3602, 0.3338

Tritanomaly

25.6250, 0.3775, 0.3163

Monochromacy



Original Color

25.7917, 0.3809, 0.3220

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

26.3022, 0.3356, 0.3259

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.7917, 0.3809, 0.3220 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, 128)` looks like.

```
.text, #text, p{  
    color:rgb(183, 123, 128)  
}
```

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, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 123, 128) }
```

Border

The CSS property to change the border of an element to Yxy 25.7917, 0.3809, 0.3220 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, 128) }
```

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

```
.border{ border-color:rgb(183, 123, 128) }
```

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, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 123, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 123, 128);  
box-shadow:4px 4px 4px 4px rgb(183, 123,  
128) }
```


Background

The CSS property to change the background color of an element to Yxy 25.7917, 0.3809, 0.3220 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, 128) }
```

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

```
.background{ background-color: rgb(183,  
123, 128) }
```

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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