

Converting Colors

$Y_{xy}(25.7791, 0.3747, 0.3162)$

Have a look what the booklet for
Yxy(25.7791, 0.3747, 0.3162)
contains.

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Color

Yxy(25.7769, 0.3747, 0.3162)

Conversions

Conversions Part 1

Format	Color
Hex	B67B84
RGB	182, 123, 132
RGB Percent	71%, 48%, 52%
CMY	0.2861, 0.5177, 0.4823
CMYK	0.00, 0.32, 0.27, 0.29
HSL	351°, 29%, 60%
HSV	351°, 32%, 71%
XYZ	30.5459, 25.7769, 25.1981
YIQ	141.6670, 32.2750, 15.3070

Conversions

Conversions Part 2

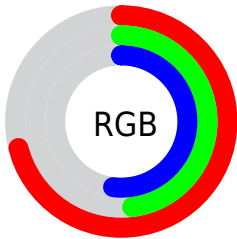
Format	Color
R _Y B	182, 123, 132
Decimal	11959172
CIE Lab	57.82, 24.28, 4.49
CIE LCh	58, 24.687, 10.486
Yxy	25.7769, 0.3747, 0.3162
Android (android.graphics.Color)	4290149252 (0xFFB67B84)
YUV	141.6670, -4.7658, 35.3720
Hunter-Lab	50.7710, 18.5437, 6.1135

Details

The Yxy color $25.7769, 0.3747, 0.3162$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $40.6982, 0.2730, 0.3425$, and the grayscale version is $26.9225, 0.3127, 0.3290$.

A 20% lighter version of the original color is $52.9042, 0.3613, 0.3192$, and $9.9788, 0.3982, 0.3093$ is the 20% darker color. If you saturate the color by 10%, you get $21.2830, 0.4037, 0.3123$, and if you desaturate by 10%, it is $31.1754, 0.3509, 0.3203$.

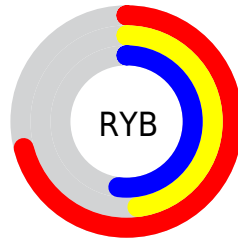
Distribution



Red (71%)

Green (48%)

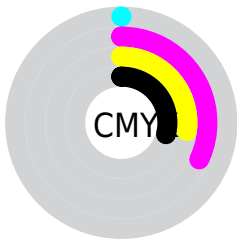
Blue (52%)



Red (71%)

Yellow (48%)

Blue (52%)

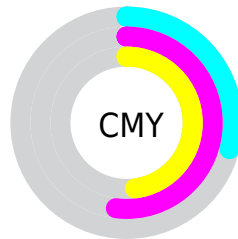


Cyan (0%)

Magenta (32%)

Yellow (27%)

Black (29%)



Cyan (29%)


Magenta (52%)


Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.7769, 0.3747, 0.3162 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 25.7769, 0.3747, 0.3162 by changing the saturation by 10% instead.


 25.7769, 0.3747,
0.3162


 25.7769, 0.3747,
0.3162


281.6852, 0.3405,
0.3237


 16.6568, 0.3845,
0.3139


 52.9148, 0.3614,
0.3192

 9.9901, 0.3979,
0.3106


 71.7014, 0.3567,
0.3202

 5.3924, 0.4175,
0.3056

 94.4790, 0.3528,
0.3211

 2.4793, 0.4484,
0.2972

121.6319, 0.3495,
0.3218

 0.8662, 0.5100,
0.2839

153.5446, 0.3467,
0.3224

 0.0000, 1.0000,
0.0000


190.6015, 0.3444,

 0.0000, 0.0000,


0.3229


0.0000

233.1869, 0.3423,
0.3233


 25.7769, 0.3747,
0.3162


 25.7769, 0.3747,
0.3162


 21.2830, 0.4037,
0.3123


 31.1754, 0.3509,
0.3203


 17.6407, 0.4383,
0.3089

 37.5203, 0.3316,
0.3243

 14.7970, 0.4779,
0.3067


 44.8555, 0.3160,
0.3281


 12.6916, 0.5207,
0.3064


 53.2208, 0.3034,
0.3316

 11.2556, 0.5625,
0.3088


 62.6540, 0.2932,
0.3348

 10.4069, 0.5980,
0.3138

 73.1909, 0.2849,
0.3377

 10.0324, 0.6186,
0.3181

 84.8657, 0.2781,
0.3404

 88.6895, 0.2711,
0.3289

Harmonies

Analogous

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



25.7769, 0.3367, 0.2866



25.7769, 0.3747, 0.3162



25.7769, 0.3953, 0.3501

Triad

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



25.7769, 0.3747, 0.3162



25.7769, 0.3271, 0.4018



25.7769, 0.2387, 0.2717

Complementary

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



25.7769, 0.3747, 0.3162



40.6982, 0.2730, 0.3425

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.



25.7769, 0.2367, 0.2989



25.7769, 0.3747, 0.3162



25.7769, 0.2859, 0.3777

Square

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



25.7769, 0.3747, 0.3162



25.7769, 0.3661, 0.4019



25.7769, 0.2533, 0.3381



25.7769, 0.2589, 0.2611

Rectangle

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



25.7769, 0.3747, 0.3162



25.7769, 0.3956, 0.3719



25.7769, 0.2533, 0.3381



25.7769, 0.2359, 0.2790

Sweetspot

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



25.7781, 0.3747, 0.3162



70.8508, 0.3278, 0.3252



26.3340, 0.3058, 0.2471



15.2567, 0.3301, 0.3247



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.



25.7781, 0.3747, 0.3162



40.6739, 0.3951, 0.3133



30.9250, 0.3772, 0.3573



9.0340, 0.3264, 0.3255



7.0881, 0.6163, 0.3169



0.2570, 0.5555, 0.2834

Inverse Universe

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



25.7781, 0.3747, 0.3162



40.6739, 0.3951, 0.3133



33.5539, 0.2634, 0.2987



9.0340, 0.3264, 0.3255



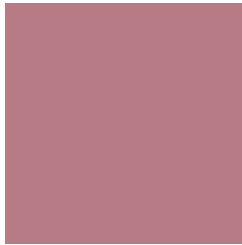
7.0881, 0.6163, 0.3169



0.2570, 0.5555, 0.2834

Previews

White Background



This preview shows how the Yxy color 25.7769, 0.3747, 0.3162 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 25.7769, 0.3747, 0.3162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

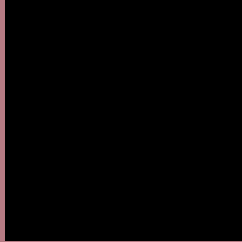
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.7769, 0.3747, 0.3162

Background



This preview shows how black text looks on a background with the Yxy color 25.7769, 0.3747, 0.3162.



This preview shows how white text looks on a background with the Yxy color 25.7769, 0.3747, 0.3162.

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

25.7769, 0.3747, 0.3162

Protanopia

26.0510, 0.3129, 0.3257

Deuteranopia

25.7298, 0.3425, 0.3355



Tritanopia

25.7769, 0.3747, 0.3162

Trichromacy



Original Color

25.7769, 0.3747, 0.3162

Protanomaly

25.6780, 0.3337, 0.3211

Deuteranomaly

25.6033, 0.3531, 0.3276

Tritanomaly

25.7769, 0.3747, 0.3162

Monochromacy



Original Color

25.7769, 0.3747, 0.3162

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

26.3310, 0.3345, 0.3243

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.7769, 0.3747, 0.3162 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, 123, 132)` looks like.

```
.text, #text, p{  
    color:rgb(182, 123, 132)  
}
```

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, 123, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 123, 132) }
```

Border

The CSS property to change the border of an element to Yxy 25.7769, 0.3747, 0.3162 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, 123, 132) }
```

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

```
.border{ border-color:rgb(182, 123, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 123, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 123, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 123, 132);  
box-shadow:4px 4px 4px 4px rgb(182, 123,  
132) }
```


Background

The CSS property to change the background color of an element to Yxy 25.7769, 0.3747, 0.3162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 123, 132) }
```

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

```
.background{ background-color: rgb(182,  
123, 132) }
```

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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