

Converting Colors

$Y_{xy}(25.7359, 0.3790, 0.3579)$

Have a look what the booklet for
Yxy(25.7359, 0.3790, 0.3579)
contains.

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Color

$Yxy(25.7273, 0.3788, 0.3584)$

Conversions

Conversions Part 1

Format	Color
Hex	A88370
RGB	168, 131, 112
RGB Percent	66%, 51%, 44%
CMY	0.3411, 0.4863, 0.5607
CMYK	0.00, 0.22, 0.33, 0.34
HSL	20°, 24%, 55%
HSV	20°, 33%, 66%
XYZ	27.1917, 25.7273, 18.8648
YIQ	139.8970, 28.1510, 1.9350

Conversions

Conversions Part 2

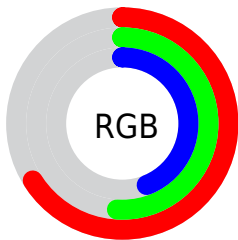
Format	Color
R_{YB}	168, 141, 112
Decimal	11043696
CIE _{Lab}	57.78, 11.45, 15.71
CIE _{LCh}	58, 19.439, 53.897
Yxy	25.7273, 0.3788, 0.3584
Android (android.graphics.Color)	4289233776 (0xFFA88370)
YUV	139.8970, -13.7532, 24.6463
Hunter-Lab	50.7221, 6.9287, 13.4541

Details

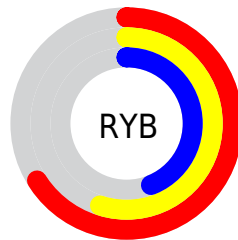
The Yxy color **25.7273, 0.3788, 0.3584** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **27.7755, 0.2624, 0.2974**, and the grayscale version is **26.2308, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.8086, 0.3643, 0.3525**, and **10.0496, 0.4038, 0.3685** is the 20% darker color. If you saturate the color by 10%, you get **22.5637, 0.4059, 0.3674**, and if you desaturate by 10%, it is **29.2829, 0.3552, 0.3492**.

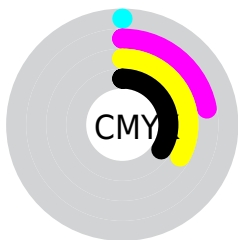
Distribution



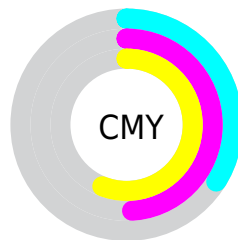
- Red (66%)
- Green (51%)
- Blue (44%)



- Red (66%)
- Yellow (55%)
- Blue (44%)



- Cyan (0%)
- Magenta (22%)
- Yellow (33%)
- Black (34%)





- Cyan (34%)
- Magenta (49%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.7273, 0.3788, 0.3584 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 25.7273, 0.3788, 0.3584 by changing the saturation by 10% instead.


 25.7273, 0.3788,
0.3584


 25.7273, 0.3788,
0.3584


281.4408, 0.3422,
0.3431


 16.6197, 0.3892,
0.3623


 52.8347, 0.3646,
0.3527


 9.9638, 0.4035,
0.3673


 71.6033, 0.3595,
0.3506

 5.3749, 0.4240,
0.3738

 94.3611, 0.3554,
0.3489

 2.4689, 0.4558,
0.3821

 121.4924, 0.3519,
0.3474

 0.8610, 0.5664,
0.4336

153.3816, 0.3489,
0.3461

 0.0000, 1.0000,
0.0000

190.4132, 0.3464,

 0.0000, 0.0000,

0.3450

0.0000

232.9714, 0.3442,
0.3440

■ 25.7273, 0.3788,
0.3584

■ 25.7273, 0.3788,
0.3584

■ 22.5637, 0.4059,
0.3674

■ 29.2829, 0.3552,
0.3492

■ 19.7746, 0.4366,
0.3756

■ 33.2400, 0.3350,
0.3402

■ 17.3462, 0.4700,
0.3819

■ 37.6124, 0.3179,
0.3317

■ 15.2628, 0.5048,
0.3853

■ 42.4120, 0.3032,
0.3238

■ 13.5070, 0.5383,
0.3845

■ 47.6503, 0.2908,
0.3165

■ 12.0596, 0.5677,
0.3789

■ 53.3383, 0.2802,
0.3098

■ 11.2491, 0.5850,
0.3737

■ 59.4867, 0.2712,
0.3037

■ 66.1056, 0.2634,
0.2982

■ 72.6640, 0.2607,
0.3018

Harmonies

Analogous

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



25.7273, 0.3708, 0.3314



25.7273, 0.3788, 0.3584



25.7273, 0.3680, 0.3798

Triad

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



25.7273, 0.3788, 0.3584



25.7273, 0.2788, 0.3541



25.7273, 0.2814, 0.2751

Complementary

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



25.7273, 0.3788, 0.3584



27.7755, 0.2624, 0.2974

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.



25.7273, 0.2592, 0.2780



25.7273, 0.3788, 0.3584



25.7273, 0.2577, 0.3222

Square

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



25.7273, 0.3788, 0.3584



25.7273, 0.3096, 0.3792



25.7273, 0.2508, 0.2945



25.7273, 0.3130, 0.2850

Rectangle

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



25.7273, 0.3788, 0.3584



25.7273, 0.3522, 0.3873



25.7273, 0.2508, 0.2945



25.7273, 0.2727, 0.2746

Sweetspot

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



25.7285, 0.3788, 0.3584



62.7246, 0.3293, 0.3375



22.0978, 0.3387, 0.2732



13.4445, 0.3317, 0.3386



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



25.7285, 0.3788, 0.3584



42.3638, 0.3985, 0.3651



34.1820, 0.3659, 0.3980



7.9426, 0.3278, 0.3367



8.5804, 0.5832, 0.3751



0.3031, 0.5208, 0.4246

Inverse Universe

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



27.7755, 0.2624, 0.2974



46.6374, 0.2516, 0.2891



20.0316, 0.2563, 0.2489



8.0972, 0.2987, 0.3212



10.8241, 0.1934, 0.2162



0.3523, 0.2050, 0.2579

Previews

White Background



This preview shows how the Yxy color 25.7273, 0.3788, 0.3584 looks on a white background.

Color Contrast Check

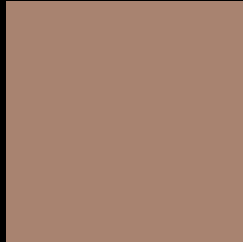
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.7273, 0.3788, 0.3584 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

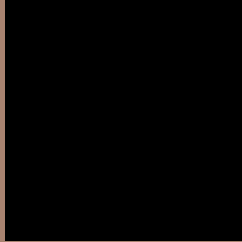
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.7273, 0.3788, 0.3584

Background



This preview shows how black text looks on a background with the Yxy color 25.7273, 0.3788, 0.3584.



This preview shows how white text looks on a background with the Yxy color 25.7273, 0.3788, 0.3584.

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

25.7273, 0.3788, 0.3584

Protanopia

25.9292, 0.3459, 0.3673

Deuteranopia

25.9014, 0.3701, 0.3638



Tritanopia

25.6428, 0.3540, 0.3141

Trichromacy



Original Color

25.7273, 0.3788, 0.3584

Protanomaly

25.8147, 0.3575, 0.3631

Deuteranomaly

25.8374, 0.3730, 0.3620

Tritanomaly

25.5429, 0.3633, 0.3292

Monochromacy



Original Color

25.7273, 0.3788, 0.3584

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

25.9871, 0.3348, 0.3405

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.7273, 0.3788, 0.3584 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(168, 131, 112)` looks like.

```
.text, #text, p{  
    color:rgb(168, 131, 112)  
}
```

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(168, 131, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 131, 112) }
```

Border

The CSS property to change the border of an element to Yxy 25.7273, 0.3788, 0.3584 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(168, 131, 112) }
```

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

```
.border{ border-color:rgb(168, 131, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 131, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 131, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 131, 112);  
box-shadow:4px 4px 4px 4px rgb(168, 131,  
112) }
```


Background

The CSS property to change the background color of an element to Yxy 25.7273, 0.3788, 0.3584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 131, 112) }
```

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

```
.background{ background-color: rgb(168,  
131, 112) }
```

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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