

Converting Colors

$Y_{xy}(25.3175, 0.3409, 0.2968)$

Have a look what the booklet for
Yxy(25.3175, 0.3409, 0.2968)
contains.

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Color

Yxy(25.2088, 0.3403, 0.2962)

Conversions

Conversions Part 1

Format	Color
Hex	A97D93
RGB	169, 125, 147
RGB Percent	66%, 49%, 58%
CMY	0.3372, 0.5098, 0.4236
CMYK	0.00, 0.26, 0.13, 0.34
HSL	330°, 20%, 58%
HSV	330°, 26%, 66%
XYZ	28.9620, 25.2088, 30.9365
YIQ	140.6640, 19.1620, 16.1700

Conversions

Conversions Part 2

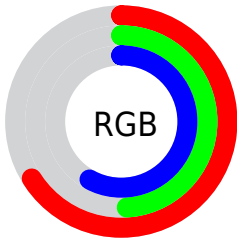
Format	Color
R_{YB}	169, 125, 147
Decimal	11107731
CIE _{Lab}	57.28, 20.61, -5.14
CIE _{LCh}	57, 21.237, 345.992
Yxy	25.2088, 0.3403, 0.2962
Android (android.graphics.Color)	4289297811 (0xFFA97D93)
YUV	140.6640, 3.1236, 24.8507
Hunter-Lab	50.2084, 15.1007, -1.3864

Details

The Yxy color $25.2088, 0.3403, 0.2962$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $34.8456, 0.2919, 0.3644$, and the grayscale version is $26.4801, 0.3127, 0.3290$.

A 20% lighter version of the original color is $52.0654, 0.3347, 0.3030$, and $9.7264, 0.3506, 0.2866$ is the 20% darker color. If you saturate the color by 10%, you get $21.0328, 0.3548, 0.2830$, and if you desaturate by 10%, it is $30.1347, 0.3281, 0.3092$.

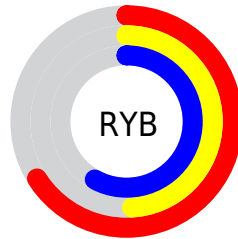
Distribution



Red (66%)

Green (49%)

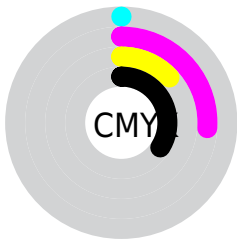
Blue (58%)



Red (66%)

Yellow (49%)

Blue (58%)

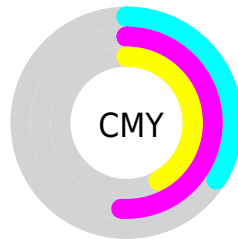


Cyan (0%)

Magenta (26%)

Yellow (13%)

Black (34%)



Cyan (34%)

Magenta (51%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.2088, 0.3403, 0.2962 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 25.2088, 0.3403, 0.2962 by changing the saturation by 10% instead.


 25.2088, 0.3403,
0.2962


 25.2088, 0.3403,
0.2962


278.8762, 0.3253,
0.3139


 16.2327, 0.3445,
0.2913


 51.9958, 0.3345,
0.3030

 9.6890, 0.3502,
0.2847


 70.5754, 0.3325,
0.3054

 5.1932, 0.3584,
0.2754


 93.1250, 0.3308,
0.3074

 2.3611, 0.3712,
0.2611

120.0289, 0.3293,
0.3091

 0.8058, 0.3940,
0.2360

151.6716, 0.3281,
0.3106

 0.0000, 0.8737,
0.0000

188.4375, 0.3270,

 0.0000, 0.0000,

0.3118

0.0000

230.7109, 0.3261,
0.3129

■ 25.2088, 0.3403,
0.2962

■ 25.2088, 0.3403,
0.2962

■ 21.0328, 0.3548,
0.2830

■ 30.1347, 0.3281,
0.3092

■ 17.5661, 0.3717,
0.2703

■ 35.8416, 0.3180,
0.3218

■ 14.7692, 0.3913,
0.2589

■ 42.3633, 0.3096,
0.3336

■ 12.5975, 0.4131,
0.2498

■ 49.7303, 0.3026,
0.3446

■ 11.0009, 0.4368,
0.2442

■ 57.9716, 0.2968,
0.3548

■ 9.9215, 0.4612,
0.2433

■ 67.1149, 0.2920,
0.3641

■ 9.2820, 0.4852,
0.2476

■ 77.1867, 0.2881,
0.3727

■ 9.0824, 0.4947,
0.2499

■ 84.8439, 0.2844,
0.3750

■ 85.2891, 0.2802,
0.3650

Harmonies

Analogous

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



25.2088, 0.3032, 0.2769



25.2088, 0.3403, 0.2962



25.2088, 0.3710, 0.3235

Triad

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



25.2088, 0.3403, 0.2962



25.2088, 0.3537, 0.3936



25.2088, 0.2453, 0.2979

Complementary

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



25.2088, 0.3403, 0.2962



34.8456, 0.2919, 0.3644

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.



25.2088, 0.2571, 0.3306



25.2088, 0.3403, 0.2962



25.2088, 0.3188, 0.3892

Square

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



25.2088, 0.3403, 0.2962



25.2088, 0.3785, 0.3794



25.2088, 0.2836, 0.3653



25.2088, 0.2501, 0.2764

Rectangle

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



25.2088, 0.3403, 0.2962



25.2088, 0.3827, 0.3435



25.2088, 0.2836, 0.3653



25.2088, 0.2474, 0.3079

Sweetspot

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



25.2099, 0.3403, 0.2962



61.9124, 0.3200, 0.3192



23.7365, 0.2916, 0.2609



13.1595, 0.3214, 0.3174



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.



25.2099, 0.3403, 0.2962



40.8566, 0.3480, 0.2889



24.5846, 0.3668, 0.3292



7.6025, 0.3211, 0.3178



6.7794, 0.4925, 0.2486



0.1753, 0.4218, 0.2097

Inverse Universe

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



25.2099, 0.3403, 0.2962



40.8566, 0.3480, 0.2889



35.6031, 0.2754, 0.3289



7.6025, 0.3211, 0.3178



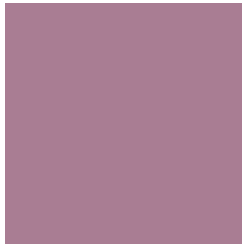
6.7794, 0.4925, 0.2486



0.1753, 0.4218, 0.2097

Previews

White Background



This preview shows how the Yxy color 25.2088, 0.3403, 0.2962 looks on a white background.

Color Contrast Check

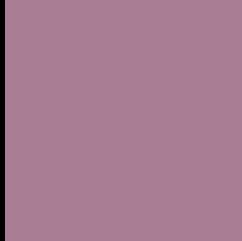
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.2088, 0.3403, 0.2962 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

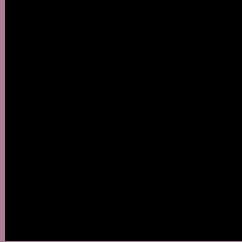
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.2088, 0.3403, 0.2962

Background



This preview shows how black text looks on a background with the Yxy color 25.2088, 0.3403, 0.2962.



This preview shows how white text looks on a background with the Yxy color 25.2088, 0.3403, 0.2962.

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

25.2088, 0.3403, 0.2962

Protanopia

25.3753, 0.2938, 0.3010

Deuteranopia

25.3904, 0.3169, 0.3113



Tritanopia

25.3097, 0.3504, 0.3139

Trichromacy



Original Color

25.2088, 0.3403, 0.2962

Protanomaly

25.2125, 0.3096, 0.3002

Deuteranomaly

25.3758, 0.3252, 0.3055

Tritanomaly

25.1696, 0.3459, 0.3064

Monochromacy



Original Color

25.2088, 0.3403, 0.2962

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

25.8904, 0.3223, 0.3162

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.2088, 0.3403, 0.2962 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(169, 125, 147)` looks like.

```
.text, #text, p{  
    color:rgb(169, 125, 147)  
}
```

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(169, 125, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 125, 147) }
```

Border

The CSS property to change the border of an element to Yxy 25.2088, 0.3403, 0.2962 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(169, 125, 147) }
```

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

```
.border{ border-color:rgb(169, 125, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 125, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 125, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 125, 147);  
box-shadow:4px 4px 4px 4px rgb(169, 125,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 25.2088, 0.3403, 0.2962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 125, 147) }
```

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

```
.background{ background-color: rgb(169,  
125, 147) }
```

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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