

Converting Colors

$Y_{xy}(25.1957, 0.3649, 0.3201)$

Have a look what the booklet for
Yxy(25.1957, 0.3649, 0.3201)
contains.

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Color

Yxy(25.1902, 0.3643, 0.3202)

Conversions

Conversions Part 1

Format	Color
Hex	AD7D83
RGB	173, 125, 131
RGB Percent	68%, 49%, 51%
CMY	0.3217, 0.5097, 0.4863
CMYK	0.00, 0.28, 0.24, 0.32
HSL	353°, 23%, 58%
HSV	353°, 28%, 68%
XYZ	28.6596, 25.1902, 24.8205
YIQ	140.0360, 26.6820, 12.0420

Conversions

Conversions Part 2

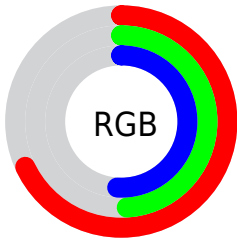
Format	Color
R_{YB}	173, 125, 131
Decimal	11369859
CIE _{Lab}	57.26, 19.51, 4.14
CIE _{LCh}	57, 19.941, 11.972
Yxy	25.1902, 0.3643, 0.3202
Android (android.graphics.Color)	4289559939 (0xFFAD7D83)
YUV	140.0360, -4.4547, 28.9094
Hunter-Lab	50.1898, 14.0954, 5.8121

Details

The Yxy color $25.1902, 0.3643, 0.3202$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $37.0298, 0.2774, 0.3381$, and the grayscale version is $26.2502, 0.3127, 0.3290$.

A 20% lighter version of the original color is $51.9595, 0.3528, 0.3223$, and $9.7711, 0.3840, 0.3165$ is the 20% darker color. If you saturate the color by 10%, you get $20.8048, 0.3916, 0.3169$, and if you desaturate by 10%, it is $30.4006, 0.3421, 0.3235$.

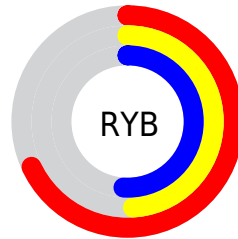
Distribution



Red (68%)

Green (49%)

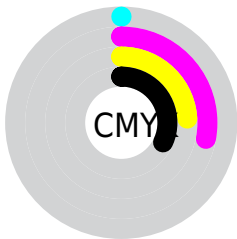
Blue (51%)



Red (68%)

Yellow (49%)

Blue (51%)

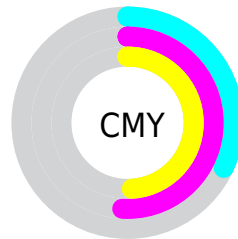


Cyan (0%)

Magenta (28%)

Yellow (24%)

Black (32%)



Cyan (32%)


Magenta (51%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.1902, 0.3643, 0.3202 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 25.1902, 0.3643, 0.3202 by changing the saturation by 10% instead.


 25.1902, 0.3643,
0.3202


 25.1902, 0.3643,
0.3202


278.7838, 0.3357,
0.3254


 16.2188, 0.3725,
0.3186


 51.9656, 0.3531,
0.3223

 9.6791, 0.3839,
0.3162


 70.5384, 0.3492,
0.3230

 5.1867, 0.4005,
0.3126

 93.0805, 0.3459,
0.3236

 2.3572, 0.4270,
0.3064

119.9763, 0.3432,
0.3241

 0.8038, 0.4845,
0.2981

151.6101, 0.3409,
0.3245

 0.0000, 1.0000,
0.0000


188.3664, 0.3389,


 0.0000, 0.0000,

0.3248

0.0000


230.6295, 0.3372,
0.3251

 25.1902, 0.3643,
0.3202

 25.1902, 0.3643,
0.3202


 20.8048, 0.3916,
0.3169


 30.4006, 0.3421,
0.3235


 17.1989, 0.4245,
0.3139


 36.4718, 0.3242,
0.3267


 14.3277, 0.4630,
0.3117


 43.4413, 0.3097,
0.3297


 12.1406, 0.5057,
0.3108


 51.3439, 0.2980,
0.3324

 10.5803, 0.5493,
0.3119


 60.2120, 0.2885,
0.3348

 9.5805, 0.5885,
0.3152


 70.0769, 0.2807,
0.3371

 9.0371, 0.6181,
0.3202

 80.9681, 0.2743,
0.3391

 8.9378, 0.6236,
0.3209

 87.4385, 0.2680,
0.3320

 87.6216, 0.2666,
0.3289

Harmonies

Analogous

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



25.1902, 0.3341, 0.2951



25.1902, 0.3643, 0.3202



25.1902, 0.3801, 0.3485

Triad

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



25.1902, 0.3643, 0.3202



25.1902, 0.3232, 0.3870



25.1902, 0.2522, 0.2815

Complementary

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



25.1902, 0.3643, 0.3202



37.0298, 0.2774, 0.3381

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.



25.1902, 0.2498, 0.3036



25.1902, 0.3643, 0.3202



25.1902, 0.2895, 0.3668

Square

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



25.1902, 0.3643, 0.3202



25.1902, 0.3552, 0.3888



25.1902, 0.2630, 0.3351



25.1902, 0.2698, 0.2730

Rectangle

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



25.1902, 0.3643, 0.3202



25.1902, 0.3798, 0.3661



25.1902, 0.2630, 0.3351



25.1902, 0.2496, 0.2875

Sweetspot

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



25.1914, 0.3643, 0.3202



64.8577, 0.3248, 0.3266



25.8576, 0.3089, 0.2599



13.7282, 0.3273, 0.3261



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



25.1914, 0.3643, 0.3202



40.3583, 0.3796, 0.3183



29.8883, 0.3648, 0.3552



8.0310, 0.3267, 0.3262



6.5729, 0.6217, 0.3199



0.1878, 0.5619, 0.2869

Inverse Universe

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



25.1914, 0.3643, 0.3202



40.3583, 0.3796, 0.3183



30.9507, 0.2704, 0.3012



8.0310, 0.3267, 0.3262



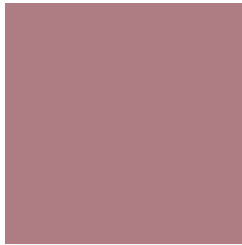
6.5729, 0.6217, 0.3199



0.1878, 0.5619, 0.2869

Previews

White Background



This preview shows how the Yxy color 25.1902, 0.3643, 0.3202 looks on a white background.

Color Contrast Check

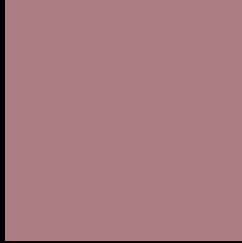
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.1902, 0.3643, 0.3202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

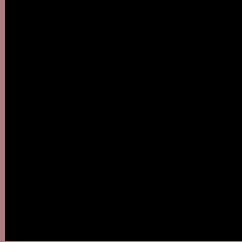
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.1902, 0.3643, 0.3202

Background



This preview shows how black text looks on a background with the Yxy color 25.1902, 0.3643, 0.3202.



This preview shows how white text looks on a background with the Yxy color 25.1902, 0.3643, 0.3202.

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

25.1902, 0.3643, 0.3202

Protanopia

25.3017, 0.3150, 0.3273

Deuteranopia

25.2568, 0.3404, 0.3339



Tritanopia

25.2727, 0.3606, 0.3157

Trichromacy



Original Color

25.1902, 0.3643, 0.3202

Protanomaly

25.1997, 0.3324, 0.3258

Deuteranomaly

25.1540, 0.3495, 0.3291

Tritanomaly

25.2449, 0.3619, 0.3172

Monochromacy



Original Color

25.1902, 0.3643, 0.3202

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

25.8095, 0.3299, 0.3258

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.1902, 0.3643, 0.3202 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(173, 125, 131)` looks like.

```
.text, #text, p{  
    color:rgb(173, 125, 131)  
}
```

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(173, 125, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 125, 131) }
```

Border

The CSS property to change the border of an element to Yxy 25.1902, 0.3643, 0.3202 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(173, 125, 131) }
```

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

```
.border{ border-color:rgb(173, 125, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 125, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 125, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 125, 131);  
box-shadow:4px 4px 4px 4px rgb(173, 125,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 25.1902, 0.3643, 0.3202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 125, 131) }
```

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

```
.background{ background-color: rgb(173,  
125, 131) }
```

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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