

Converting Colors

$Y_{xy}(22.9125, 0.3662, 0.3243)$

Have a look what the booklet for
Yxy(22.9125, 0.3662, 0.3243)
contains.

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Color

Yxy(22.8623, 0.3663, 0.3245)

Conversions

Conversions Part 1

Format	Color
Hex	A5787B
RGB	165, 120, 123
RGB Percent	65%, 47%, 48%
CMY	0.3529, 0.5294, 0.5177
CMYK	0.00, 0.27, 0.25, 0.35
HSL	356°, 20%, 56%
HSV	356°, 27%, 65%
XYZ	25.8073, 22.8623, 21.7844
YIQ	133.7970, 25.8570, 10.4730

Conversions

Conversions Part 2

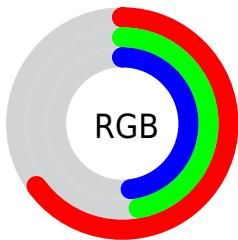
Format	Color
R_{YB}	165, 120, 123
Decimal	10844283
CIE _{Lab}	54.93, 18.04, 5.32
CIE _{LCh}	55, 18.805, 16.430
Yxy	22.8623, 0.3663, 0.3245
Android (android.graphics.Color)	4289034363 (0xFFA5787B)
YUV	133.7970, -5.3229, 27.3650
Hunter-Lab	47.8145, 12.6676, 6.4576

Details

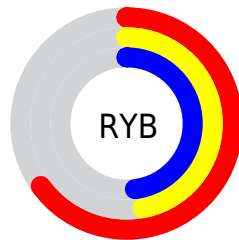
The Yxy color $22.8623, 0.3663, 0.3245$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $33.5129, 0.2760, 0.3337$, and the grayscale version is $23.7747, 0.3127, 0.3290$.

A 20% lighter version of the original color is $48.3544, 0.3548, 0.3268$, and $8.4456, 0.3884, 0.3225$ is the 20% darker color. If you saturate the color by 10%, you get $18.8744, 0.3951, 0.3228$, and if you desaturate by 10%, it is $27.5969, 0.3429, 0.3262$.

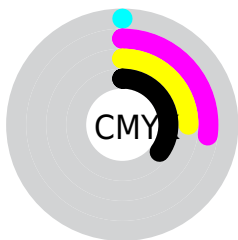
Distribution



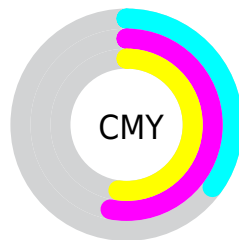
- Red (65%)
- Green (47%)
- Blue (48%)



- Red (65%)
- Yellow (47%)
- Blue (48%)



- Cyan (0%)
- Magenta (27%)
- Yellow (25%)
- Black (35%)





- Cyan (35%)
- Magenta (53%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.8623, 0.3663, 0.3245 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 22.8623, 0.3663, 0.3245 by changing the saturation by 10% instead.


 22.8623, 0.3663,
0.3245


 22.8623, 0.3663,
0.3245


267.0170, 0.3361,
0.3274


 14.4919, 0.3752,
0.3234


 48.1671, 0.3544,
0.3258

 8.4636, 0.3877,
0.3218

 65.8703, 0.3502,
0.3262

 4.3930, 0.4062,
0.3191

 87.4532, 0.3468,
0.3265

 1.8957, 0.4366,
0.3139

113.3002, 0.3440,
0.3268

 0.5458, 0.5567,
0.3150

143.7956, 0.3416,
0.3270

 0.0000, 0.0000,
0.0000

179.3240, 0.3395,

0.3272

220.2696, 0.3377,
0.3273

■ 22.8623, 0.3663,
0.3245

■ 22.8623, 0.3663,
0.3245

■ 18.8744, 0.3951,
0.3228

■ 27.5969, 0.3429,
0.3262

■ 15.5923, 0.4299,
0.3213

■ 33.1103, 0.3241,
0.3279

■ 12.9755, 0.4706,
0.3202


■ 39.4364, 0.3089,
0.3294

■ 10.9788, 0.5154,
0.3199


■ 46.6064, 0.2967,
0.3308


■ 9.5508, 0.5603,
0.3207


■ 54.6498, 0.2867,
0.3321

 8.6322, 0.5993,
0.3228

 63.5944, 0.2786,
0.3333

 8.1318, 0.6265,
0.3255

 73.4670, 0.2720,
0.3343

 8.0231, 0.6321,
0.3256

 84.2934, 0.2665,
0.3353

 86.7392, 0.2628,
0.3289

Harmonies

Analogous

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



22.8623, 0.3385, 0.2992



22.8623, 0.3663, 0.3245



22.8623, 0.3790, 0.3521

Triad

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



22.8623, 0.3663, 0.3245



22.8623, 0.3180, 0.3836



22.8623, 0.2553, 0.2806

Complementary

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



22.8623, 0.3663, 0.3245



33.5129, 0.2760, 0.3337

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.



22.8623, 0.2507, 0.3004



22.8623, 0.3663, 0.3245



22.8623, 0.2857, 0.3616

Square

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



22.8623, 0.3663, 0.3245



22.8623, 0.3500, 0.3881



22.8623, 0.2615, 0.3301



22.8623, 0.2745, 0.2743

Rectangle

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



22.8623, 0.3663, 0.3245



22.8623, 0.3769, 0.3686



22.8623, 0.2615, 0.3301



22.8623, 0.2521, 0.2858

Sweetspot

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



22.8634, 0.3663, 0.3245



58.3741, 0.3256, 0.3277



23.8325, 0.3124, 0.2621



12.4340, 0.3281, 0.3275



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



22.8634, 0.3663, 0.3245



36.2698, 0.3839, 0.3234



27.9668, 0.3623, 0.3592



7.0932, 0.3275, 0.3276



6.0726, 0.6309, 0.3249



0.1297, 0.5908, 0.3028

Inverse Universe

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



22.8634, 0.3663, 0.3245



36.2698, 0.3839, 0.3234



27.1148, 0.2707, 0.2967



7.0932, 0.3275, 0.3276



6.0726, 0.6309, 0.3249



0.1297, 0.5908, 0.3028

Previews

White Background



This preview shows how the Yxy color 22.8623, 0.3663, 0.3245 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 22.8623, 0.3663, 0.3245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

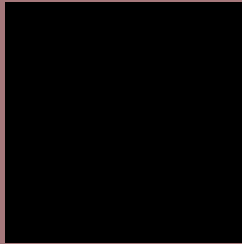
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.8623, 0.3663, 0.3245

Background



This preview shows how black text looks on a background with the Yxy color 22.8623, 0.3663, 0.3245.



This preview shows how white text looks on a background with the Yxy color 22.8623, 0.3663, 0.3245.

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

22.8623, 0.3663, 0.3245

Protanopia

22.9685, 0.3195, 0.3325

Deuteranopia

22.8798, 0.3439, 0.3375



Tritanopia

22.8592, 0.3615, 0.3152

Trichromacy



Original Color

22.8623, 0.3663, 0.3245

Protanomaly

22.8220, 0.3356, 0.3291

Deuteranomaly

22.6905, 0.3523, 0.3324

Tritanomaly

22.8070, 0.3641, 0.3183

Monochromacy



Original Color

22.8623, 0.3663, 0.3245

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

23.3320, 0.3305, 0.3274

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.8623, 0.3663, 0.3245 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(165, 120, 123)` looks like.

```
.text, #text, p{  
    color:rgb(165, 120, 123)  
}
```

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(165, 120, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 120, 123) }
```

Border

The CSS property to change the border of an element to Yxy 22.8623, 0.3663, 0.3245 is called "border". The border property can be set on classes, ids or directly on the HTML element.

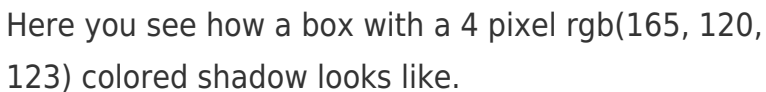
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(165, 120, 123) }
```

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

```
.border{ border-color:rgb(165, 120, 123) }
```

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



Here you see how a box with a 4 pixel `rgb(165, 120, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(165, 120, 123); -webkit-box-shadow:4px 4px 4px 4px rgb(165, 120, 123); box-shadow:4px 4px 4px 4px rgb(165, 120, 123) }
```


Background

The CSS property to change the background color of an element to Yxy 22.8623, 0.3663, 0.3245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 120, 123) }
```

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

```
.background{ background-color: rgb(165,  
120, 123) }
```

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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