

Converting Colors

$Y_{xy}(24.6467, 0.3551, 0.3104)$

Have a look what the booklet for
Yxy(24.6467, 0.3551, 0.3104)
contains.

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Color

Yxy(24.7389, 0.3549, 0.3110)

Conversions

Conversions Part 1

Format	Color
Hex	AA7C88
RGB	170, 124, 136
RGB Percent	67%, 49%, 53%
CMY	0.3333, 0.5137, 0.4667
CMYK	0.00, 0.27, 0.20, 0.33
HSL	344°, 21%, 58%
HSV	344°, 27%, 67%
XYZ	28.2310, 24.7389, 26.5764
YIQ	139.1220, 23.5640, 13.4840

Conversions

Conversions Part 2

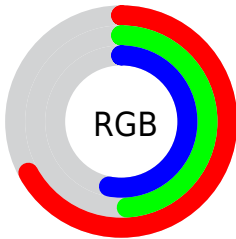
Format	Color
R _Y B	170, 124, 136
Decimal	11173000
CIE Lab	56.82, 19.73, 0.56
CIE LCh	57, 19.733, 1.632
Yxy	24.7389, 0.3549, 0.3110
Android (android.graphics.Color)	4289363080 (0xFFAA7C88)
YUV	139.1220, -1.5391, 27.0800
Hunter-Lab	49.7382, 14.2732, 3.1366

Details

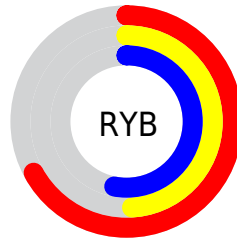
The Yxy color **24.7389, 0.3549, 0.3110** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **35.5095, 0.2828, 0.3479**, and the grayscale version is **25.8681, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.2872, 0.3460, 0.3153**, and **9.4859, 0.3715, 0.3056** is the 20% darker color. If you saturate the color by 10%, you get **20.5032, 0.3772, 0.3040**, and if you desaturate by 10%, it is **29.7535, 0.3366, 0.3179**.

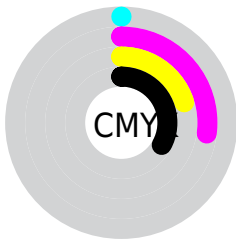
Distribution



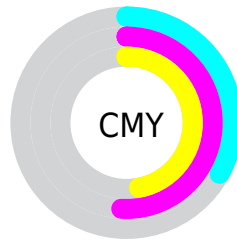
- Red (67%)
- Green (49%)
- Blue (53%)



- Red (67%)
- Yellow (49%)
- Blue (53%)



- Cyan (0%)
- Magenta (27%)
- Yellow (20%)
- Black (33%)





- Cyan (33%)
- Magenta (51%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.7389, 0.3549, 0.3110 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 24.7389, 0.3549, 0.3110 by changing the saturation by 10% instead.


 24.7389, 0.3549,
0.3110


 24.7389, 0.3549,
0.3110


276.5351, 0.3316,
0.3210


 15.8826, 0.3616,
0.3081


 51.2333, 0.3458,
0.3149

 9.4411, 0.3709,
0.3041

 69.6403, 0.3426,
0.3163

 5.0300, 0.3844,
0.2982

 91.9996, 0.3399,
0.3174

 2.2649, 0.4061,
0.2888

118.6956, 0.3377,
0.3184

 0.7550, 0.4488,
0.2706

150.1128, 0.3358,
0.3192

 0.0000, 1.0000,
0.0000

186.6355, 0.3342,

 0.0000, 0.0000,

0.3199

0.0000

228.6482, 0.3328,
0.3205

■ 24.7389, 0.3549,
0.3110

■ 24.7389, 0.3549,
0.3110

■ 20.5032, 0.3772,
0.3040

■ 29.7535, 0.3366,
0.3179

■ 17.0037, 0.4041,
0.2975

■ 35.5799, 0.3216,
0.3246

■ 14.1992, 0.4356,
0.2920

■ 42.2533, 0.3094,
0.3308

■ 12.0426, 0.4711,
0.2885

■ 49.8059, 0.2995,
0.3365

■ 10.4811, 0.5090,
0.2882

■ 58.2680, 0.2913,
0.3417

■ 9.4535, 0.5463,
0.2918

■ 67.6686, 0.2846,
0.3465

■ 8.8694, 0.5792,
0.2992

■ 78.0354, 0.2791,
0.3508

■ 8.7319, 0.5882,
0.3014

■ 86.1562, 0.2740,
0.3494

■ 86.9151, 0.2680,
0.3353

Harmonies

Analogous

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



24.7389, 0.3221, 0.2883



24.7389, 0.3549, 0.3110



24.7389, 0.3764, 0.3387

Triad

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



24.7389, 0.3549, 0.3110



24.7389, 0.3348, 0.3895



24.7389, 0.2498, 0.2879

Complementary

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



24.7389, 0.3549, 0.3110



35.5095, 0.2828, 0.3479

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.



24.7389, 0.2529, 0.3138



24.7389, 0.3549, 0.3110



24.7389, 0.3008, 0.3754

Square

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



24.7389, 0.3549, 0.3110



24.7389, 0.3640, 0.3850



24.7389, 0.2711, 0.3465



24.7389, 0.2623, 0.2745

Rectangle

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



24.7389, 0.3549, 0.3110



24.7389, 0.3808, 0.3571



24.7389, 0.2711, 0.3465



24.7389, 0.2491, 0.2953

Sweetspot

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



24.7400, 0.3549, 0.3110



63.3301, 0.3231, 0.3239



24.5610, 0.3022, 0.2603



13.7589, 0.3251, 0.3229



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.



24.7400, 0.3549, 0.3110



40.4716, 0.3667, 0.3071



27.2572, 0.3655, 0.3454



7.5732, 0.3246, 0.3231



6.4301, 0.5854, 0.2999



0.1646, 0.4954, 0.2503

Inverse Universe

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



24.7400, 0.3549, 0.3110



40.4716, 0.3667, 0.3071



32.0798, 0.2724, 0.3119



7.5732, 0.3246, 0.3231



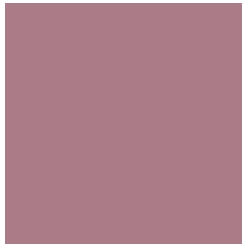
6.4301, 0.5854, 0.2999



0.1646, 0.4954, 0.2503

Previews

White Background



This preview shows how the Yxy color 24.7389, 0.3549, 0.3110 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 24.7389, 0.3549, 0.3110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

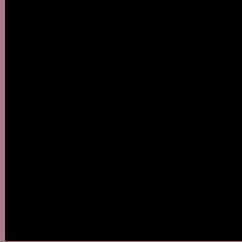
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.7389, 0.3549, 0.3110

Background



This preview shows how black text looks on a background with the Yxy color 24.7389, 0.3549, 0.3110.



This preview shows how white text looks on a background with the Yxy color 24.7389, 0.3549, 0.3110.

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

24.7389, 0.3549, 0.3110

Protanopia

24.9099, 0.3067, 0.3173

Deuteranopia

24.8031, 0.3326, 0.3258



Tritanopia

24.6826, 0.3573, 0.3140

Trichromacy



Original Color

24.7389, 0.3549, 0.3110

Protanomaly

24.7855, 0.3236, 0.3161

Deuteranomaly

24.7189, 0.3403, 0.3196

Tritanomaly

24.7106, 0.3561, 0.3125

Monochromacy



Original Color

24.7389, 0.3549, 0.3110

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

25.3692, 0.3267, 0.3226

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.7389, 0.3549, 0.3110 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(170, 124, 136)` looks like.

```
.text, #text, p{  
    color:rgb(170, 124, 136)  
}
```

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(170, 124, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 124, 136) }
```

Border

The CSS property to change the border of an element to Yxy 24.7389, 0.3549, 0.3110 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(170, 124, 136) }
```

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

```
.border{ border-color:rgb(170, 124, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 124, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 124, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 124, 136);  
box-shadow:4px 4px 4px 4px rgb(170, 124,  
136) }
```


Background

The CSS property to change the background color of an element to Yxy 24.7389, 0.3549, 0.3110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 124, 136) }
```

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

```
.background{ background-color: rgb(170,  
124, 136) }
```

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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