

Converting Colors

$Y_{xy}(24.5957, 0.3572, 0.3130)$

Have a look what the booklet for
Yxy(24.5957, 0.3572, 0.3130)
contains.

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Color

Yxy(24.6826, 0.3573, 0.3140)

Conversions

Conversions Part 1

Format	Color
Hex	AA7C86
RGB	170, 124, 134
RGB Percent	67%, 49%, 53%
CMY	0.3334, 0.5137, 0.4745
CMYK	0.00, 0.27, 0.21, 0.33
HSL	347°, 21%, 58%
HSV	347°, 27%, 67%
XYZ	28.0863, 24.6826, 25.8381
YIQ	138.8940, 24.2060, 12.8620

Conversions

Conversions Part 2

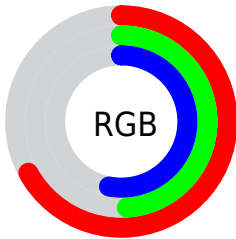
Format	Color
R _Y B	170, 124, 134
Decimal	11172998
CIE Lab	56.76, 19.39, 1.63
CIE LCh	57, 19.461, 4.819
Yxy	24.6826, 0.3573, 0.3140
Android (android.graphics.Color)	4289363078 (0xFFAA7C86)
YUV	138.8940, -2.4127, 27.2800
Hunter-Lab	49.6816, 13.9679, 3.9419

Details

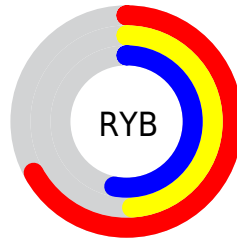
The Yxy color $24.6826, 0.3573, 0.3140$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $35.5687, 0.2813, 0.3447$, and the grayscale version is $25.7787, 0.3127, 0.3290$.

A 20% lighter version of the original color is $51.2009, 0.3477, 0.3176$, and $9.4699, 0.3734, 0.3077$ is the 20% darker color. If you saturate the color by 10%, you get $20.4354, 0.3811, 0.3082$, and if you desaturate by 10%, it is $29.7132, 0.3379, 0.3198$.

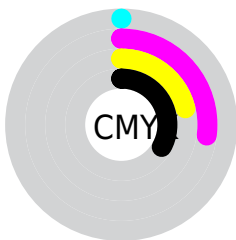
Distribution



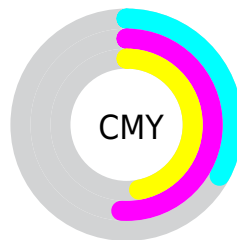
- Red (67%)
- Green (49%)
- Blue (53%)



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



- Cyan (0%)
- Magenta (27%)
- Yellow (21%)
- Black (33%)





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

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.6826, 0.3573, 0.3140 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 24.6826, 0.3573, 0.3140 by changing the saturation by 10% instead.


 24.6826, 0.3573,
0.3140


 24.6826, 0.3573,
0.3140


276.2536, 0.3326,
0.3224


 15.8407, 0.3644,
0.3115


 51.1418, 0.3477,
0.3173

 9.4115, 0.3743,
0.3081


 69.5280, 0.3442,
0.3185

 5.0106, 0.3887,
0.3029

 91.8644, 0.3414,
0.3194

 2.2535, 0.4118,
0.2945

118.5354, 0.3391,
0.3202

 0.7489, 0.4598,
0.2790

149.9254, 0.3371,
0.3209

 0.0000, 1.0000,
0.0000

186.4189, 0.3354,

 0.0000, 0.0000,

0.3215

0.0000

228.4001, 0.3339,
0.3220

■ 24.6826, 0.3573,
0.3140

■ 24.6826, 0.3573,
0.3140

■ 20.4354, 0.3811,
0.3082

■ 29.7132, 0.3379,
0.3198

■ 16.9289, 0.4097,
0.3028

■ 35.5605, 0.3220,
0.3253

■ 14.1213, 0.4433,
0.2983

■ 42.2598, 0.3092,
0.3305

■ 11.9653, 0.4812,
0.2958

■ 49.8435, 0.2988,
0.3352

■ 10.4078, 0.5212,
0.2960

■ 58.3423, 0.2902,
0.3396

■ 9.3871, 0.5598,
0.2997

■ 67.7853, 0.2832,
0.3435

■ 8.8128, 0.5927,
0.3068

■ 78.2003, 0.2775,
0.3471

■ 8.6779, 0.6014,
0.3087

■ 86.3822, 0.2721,
0.3450

■ 87.2042, 0.2658,
0.3302

Harmonies

Analogous

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



24.6826, 0.3256, 0.2908



24.6826, 0.3573, 0.3140



24.6826, 0.3768, 0.3416

Triad

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



24.6826, 0.3573, 0.3140



24.6826, 0.3311, 0.3881



24.6826, 0.2512, 0.2864

Complementary

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



24.6826, 0.3573, 0.3140



35.5687, 0.2813, 0.3447

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.



24.6826, 0.2526, 0.3108



24.6826, 0.3573, 0.3140



24.6826, 0.2975, 0.3723

Square

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



24.6826, 0.3573, 0.3140



24.6826, 0.3608, 0.3856



24.6826, 0.2691, 0.3428



24.6826, 0.2651, 0.2746

Rectangle

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



24.6826, 0.3573, 0.3140



24.6826, 0.3797, 0.3596



24.6826, 0.2691, 0.3428



24.6826, 0.2499, 0.2933

Sweetspot

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



24.6837, 0.3573, 0.3140



63.2922, 0.3236, 0.3247



24.7171, 0.3039, 0.2607



13.7490, 0.3258, 0.3239



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.



24.6837, 0.3573, 0.3140



40.3571, 0.3699, 0.3108



27.6849, 0.3649, 0.3477



7.5680, 0.3253, 0.3241



6.3916, 0.5988, 0.3073



0.1627, 0.5132, 0.2601

Inverse Universe

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



24.6837, 0.3573, 0.3140



40.3571, 0.3699, 0.3108



31.5484, 0.2722, 0.3095



7.5680, 0.3253, 0.3241



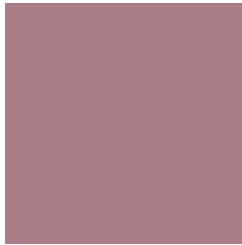
6.3916, 0.5988, 0.3073



0.1627, 0.5132, 0.2601

Previews

White Background



This preview shows how the Yxy color 24.6826, 0.3573, 0.3140 looks on a white background.

Color Contrast Check

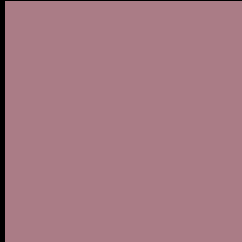
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.6826, 0.3573, 0.3140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

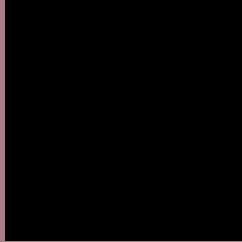
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.6826, 0.3573, 0.3140

Background



This preview shows how black text looks on a background with the Yxy color 24.6826, 0.3573, 0.3140.



This preview shows how white text looks on a background with the Yxy color 24.6826, 0.3573, 0.3140.

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

24.6826, 0.3573, 0.3140

Protanopia

24.9347, 0.3098, 0.3206

Deuteranopia

24.7753, 0.3337, 0.3274



Tritanopia

24.6826, 0.3573, 0.3140

Trichromacy



Original Color

24.6826, 0.3573, 0.3140

Protanomaly

24.8215, 0.3270, 0.3193

Deuteranomaly

24.6631, 0.3426, 0.3227

Tritanomaly

24.6826, 0.3573, 0.3140

Monochromacy



Original Color

24.6826, 0.3573, 0.3140

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

25.3404, 0.3277, 0.3242

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.6826, 0.3573, 0.3140 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, 134)` looks like.

```
.text, #text, p{  
    color:rgb(170, 124, 134)  
}
```

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, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 124, 134) }
```

Border

The CSS property to change the border of an element to Yxy 24.6826, 0.3573, 0.3140 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, 134) }
```

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

```
.border{ border-color:rgb(170, 124, 134) }
```

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, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 124, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 124, 134);  
box-shadow:4px 4px 4px 4px rgb(170, 124,  
134) }
```


Background

The CSS property to change the background color of an element to Yxy 24.6826, 0.3573, 0.3140 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, 134) }
```

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

```
.background{ background-color: rgb(170,  
124, 134) }
```

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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