

Converting Colors

$Y_{xy}(24.0675, 0.3769, 0.3307)$

Have a look what the booklet for
Yxy(24.0675, 0.3769, 0.3307)
contains.

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Color

Yxy(24.0702, 0.3768, 0.3307)

Conversions

Conversions Part 1

Format	Color
Hex	AC7A79
RGB	172, 122, 121
RGB Percent	67%, 48%, 47%
CMY	0.3255, 0.5216, 0.5255
CMYK	0.00, 0.29, 0.30, 0.33
HSL	1°, 24%, 57%
HSV	1°, 30%, 67%
XYZ	27.4256, 24.0702, 21.2898
YIQ	136.8360, 30.1210, 10.2890

Conversions

Conversions Part 2

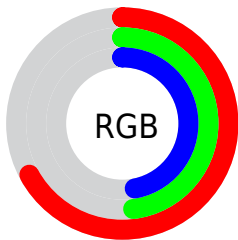
Format	Color
R_{YB}	172, 122, 121
Decimal	11303545
CIE _{Lab}	56.16, 19.38, 8.33
CIE _{LCh}	56, 21.090, 23.258
Yxy	24.0702, 0.3768, 0.3307
Android (android.graphics.Color)	4289493625 (0xFFAC7A79)
YUV	136.8360, -7.8071, 30.8388
Hunter-Lab	49.0614, 13.9252, 8.6146

Details

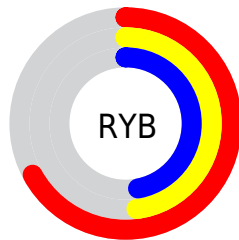
The Yxy color $24.0702, 0.3768, 0.3307$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $36.1742, 0.2705, 0.3273$, and the grayscale version is $24.9733, 0.3127, 0.3290$.

A 20% lighter version of the original color is $50.1711, 0.3625, 0.3315$, and $9.0977, 0.4001, 0.3293$ is the 20% darker color. If you saturate the color by 10%, you get $19.8980, 0.4091, 0.3313$, and if you desaturate by 10%, it is $29.0386, 0.3505, 0.3301$.

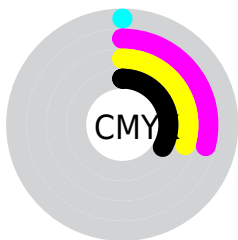
Distribution



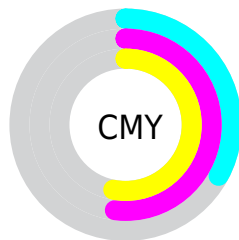
- Red (67%)
- Green (48%)
- Blue (47%)



- Red (67%)
- Yellow (48%)
- Blue (47%)



- Cyan (0%)
- Magenta (29%)
- Yellow (30%)
- Black (33%)





- Cyan (33%)
- Magenta (52%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.0702, 0.3768, 0.3307 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 24.0702, 0.3768, 0.3307 by changing the saturation by 10% instead.


 24.0702, 0.3768,
0.3307


 24.0702, 0.3768,
0.3307


273.1752, 0.3409,
0.3305


 15.3857, 0.3873,
0.3305


 50.1447, 0.3627,
0.3308

 9.0905, 0.4018,
0.3299


 68.3036, 0.3578,
0.3308

 4.8003, 0.4232,
0.3285


 90.3893, 0.3537,
0.3307

 2.1306, 0.4576,
0.3251

116.7863, 0.3503,
0.3307

 0.6817, 0.5780,
0.3418

147.8790, 0.3474,
0.3306

 0.0000, 1.0000,
0.0000


184.0518, 0.3450,


 0.0000, 0.0000,


0.3306


0.0000

225.6891, 0.3428,
0.3305

 24.0702, 0.3768,
0.3307

 24.0702, 0.3768,
0.3307

 19.8980, 0.4091,
0.3313


 29.0386, 0.3505,
0.3301


 16.4775, 0.4478,
0.3319


 34.8378, 0.3292,
0.3295

 13.7649, 0.4920,
0.3323

 41.5048, 0.3122,
0.3290

 11.7107, 0.5389,
0.3324

 49.0731, 0.2985,
0.3285

 10.2589, 0.5829,
0.3322

 57.5745, 0.2873,
0.3281

■ 9.3443, 0.6170,
0.3316

■ 67.0394, 0.2783,
0.3277

■ 8.8589, 0.6379,
0.3312

■ 77.4966, 0.2709,
0.3273

■ 8.8449, 0.6385,
0.3312

■ 87.5118, 0.2662,
0.3289

Harmonies

Analogous

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



24.0702, 0.3491, 0.3020



24.0702, 0.3768, 0.3307



24.0702, 0.3861, 0.3606

Triad

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



24.0702, 0.3768, 0.3307



24.0702, 0.3099, 0.3855



24.0702, 0.2532, 0.2729

Complementary

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



24.0702, 0.3768, 0.3307



36.1742, 0.2705, 0.3273

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.



24.0702, 0.2444, 0.2911



24.0702, 0.3768, 0.3307



24.0702, 0.2758, 0.3576

Square

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



24.0702, 0.3768, 0.3307



24.0702, 0.3461, 0.3950



24.0702, 0.2523, 0.3219



24.0702, 0.2773, 0.2696

Rectangle

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



24.0702, 0.3768, 0.3307



24.0702, 0.3805, 0.3778



24.0702, 0.2523, 0.3219



24.0702, 0.2485, 0.2773

Sweetspot

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



24.0713, 0.3768, 0.3307



63.7519, 0.3283, 0.3295



25.3932, 0.3170, 0.2579



13.5087, 0.3310, 0.3296



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.



24.0713, 0.3768, 0.3307



38.2244, 0.3987, 0.3311



31.1306, 0.3661, 0.3682



8.0395, 0.3286, 0.3295



6.5907, 0.6383, 0.3314



0.1913, 0.6303, 0.3377

Inverse Universe

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



36.1742, 0.2705, 0.3273



63.9767, 0.2620, 0.3269



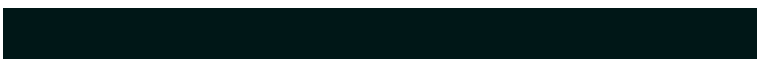
27.4957, 0.2661, 0.2863



9.0448, 0.2987, 0.3285



23.2413, 0.2230, 0.3229



0.6548, 0.2236, 0.3248

Previews

White Background



This preview shows how the Yxy color 24.0702, 0.3768, 0.3307 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 24.0702, 0.3768, 0.3307 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

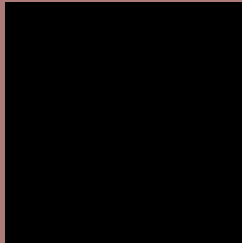
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.0702, 0.3768, 0.3307

Background



This preview shows how black text looks on a background with the Yxy color 24.0702, 0.3768, 0.3307.



This preview shows how white text looks on a background with the Yxy color 24.0702, 0.3768, 0.3307.

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

24.0702, 0.3768, 0.3307

Protanopia

24.0977, 0.3248, 0.3393

Deuteranopia

24.1914, 0.3527, 0.3455



Tritanopia

24.1707, 0.3670, 0.3156

Trichromacy



Original Color

24.0702, 0.3768, 0.3307

Protanomaly

24.0252, 0.3432, 0.3373

Deuteranomaly

24.1119, 0.3624, 0.3403

Tritanomaly

24.0913, 0.3708, 0.3201

Monochromacy



Original Color

24.0702, 0.3768, 0.3307

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

24.6253, 0.3347, 0.3307

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.0702, 0.3768, 0.3307 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(172, 122, 121)` looks like.

```
.text, #text, p{  
    color:rgb(172, 122, 121)  
}
```

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(172, 122, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 122, 121) }
```

Border

The CSS property to change the border of an element to Yxy 24.0702, 0.3768, 0.3307 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(172, 122, 121) }
```

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

```
.border{ border-color:rgb(172, 122, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 122, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 122, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 122, 121);  
box-shadow:4px 4px 4px 4px rgb(172, 122,  
121) }
```


Background

The CSS property to change the background color of an element to Yxy 24.0702, 0.3768, 0.3307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 122, 121) }
```

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

```
.background{ background-color: rgb(172,  
122, 121) }
```

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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