

Converting Colors

$Y_{xy}(24.3935, 0.3701, 0.3192)$

Have a look what the booklet for
Yxy(24.3935, 0.3701, 0.3192)
contains.

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Color

Yxy(24.4763, 0.3704, 0.3202)

Conversions

Conversions Part 1

Format	Color
Hex	AE7A80
RGB	174, 122, 128
RGB Percent	68%, 48%, 50%
CMY	0.3176, 0.5216, 0.4981
CMYK	0.00, 0.30, 0.26, 0.32
HSL	353°, 24%, 58%
HSV	353°, 30%, 68%
XYZ	28.3136, 24.4763, 23.6507
YIQ	138.2320, 29.0660, 12.8900

Conversions

Conversions Part 2

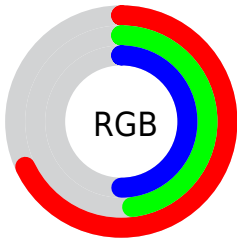
Format	Color
RYB	174, 122, 128
Decimal	11434624
CIELab	56.56, 21.16, 4.88
CIElCh	57, 21.721, 12.989
Yxy	24.4763, 0.3704, 0.3202
Android (android.graphics.Color)	4289624704 (0xFFAE7A80)
YUV	138.2320, -5.0444, 31.3685
Hunter-Lab	49.4735, 15.5766, 6.2880

Details

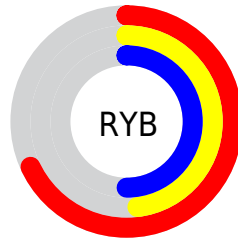
The Yxy color $24.4763, 0.3704, 0.3202$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $37.2441, 0.2745, 0.3382$, and the grayscale version is $25.5208, 0.3127, 0.3290$.

A 20% lighter version of the original color is $50.8191, 0.3571, 0.3223$, and $9.3227, 0.3918, 0.3166$ is the 20% darker color. If you saturate the color by 10%, you get $20.2048, 0.3992, 0.3172$, and if you desaturate by 10%, it is $29.5767, 0.3469, 0.3233$.

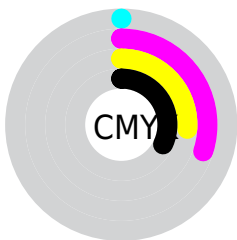
Distribution



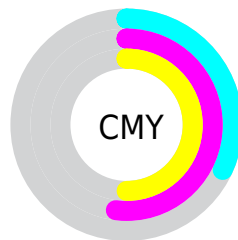
- Red (68%)
- Green (48%)
- Blue (50%)



- Red (68%)
- Yellow (48%)
- Blue (50%)



- Cyan (0%)
- Magenta (30%)
- Yellow (26%)
- Black (32%)




- Cyan (32%)
- Magenta (52%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.4763, 0.3704, 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 24.4763, 0.3704, 0.3202 by changing the saturation by 10% instead.


 24.4763, 0.3704,
0.3202


 24.4763, 0.3704,
0.3202


275.2197, 0.3383,
0.3255


 15.6873, 0.3797,
0.3185


 50.8063, 0.3578,
0.3224

 9.3032, 0.3926,
0.3160


 69.1162, 0.3534,
0.3231

 4.9394, 0.4116,
0.3121


 91.3685, 0.3497,
0.3237

 2.2118, 0.4420,
0.3051

117.9475, 0.3467,
0.3242

 0.7264, 0.5177,
0.2979

149.2378, 0.3441,
0.3246

 0.0000, 1.0000,
0.0000


185.6236, 0.3419,


 0.0000, 0.0000,

0.3250

0.0000


227.4895, 0.3400,
0.3253


 24.4763, 0.3704,
0.3202


 24.4763, 0.3704,
0.3202


 20.2048, 0.3992,
0.3172


 29.5767, 0.3469,
0.3233

 16.7153, 0.4338,
0.3146


 35.5431, 0.3279,
0.3262


 13.9612, 0.4739,
0.3128


 42.4143, 0.3126,
0.3290


 11.8898, 0.5176,
0.3124


 50.2258, 0.3002,
0.3316

 10.4411, 0.5609,
0.3139


 59.0113, 0.2902,
0.3339

 9.5450, 0.5982,
0.3175

 68.8026, 0.2820,
0.3360

 9.0559, 0.6251,
0.3218

 79.6303, 0.2753,
0.3380

 9.0513, 0.6254,
0.3219

 87.4961, 0.2689,
0.3330

 87.7406, 0.2671,
0.3289

Harmonies

Analogous

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



24.4763, 0.3374, 0.2927



24.4763, 0.3704, 0.3202



24.4763, 0.3871, 0.3510

Triad

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



24.4763, 0.3704, 0.3202



24.4763, 0.3227, 0.3927



24.4763, 0.2469, 0.2763

Complementary

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



24.4763, 0.3704, 0.3202



37.2441, 0.2745, 0.3382

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.



24.4763, 0.2437, 0.2998



24.4763, 0.3704, 0.3202



24.4763, 0.2860, 0.3697

Square

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



24.4763, 0.3704, 0.3202



24.4763, 0.3582, 0.3951



24.4763, 0.2575, 0.3343



24.4763, 0.2665, 0.2677

Rectangle

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



24.4763, 0.3704, 0.3202



24.4763, 0.3863, 0.3702



24.4763, 0.2575, 0.3343



24.4763, 0.2439, 0.2825

Sweetspot

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



24.4775, 0.3704, 0.3202



65.3157, 0.3266, 0.3265



25.2943, 0.3094, 0.2546



14.1467, 0.3291, 0.3260



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



24.4775, 0.3704, 0.3202



39.0046, 0.3892, 0.3182



29.7334, 0.3695, 0.3586



8.0298, 0.3269, 0.3264



6.5683, 0.6235, 0.3208



0.1874, 0.5669, 0.2897

Inverse Universe

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



24.4775, 0.3704, 0.3202



39.0046, 0.3892, 0.3182



30.3305, 0.2669, 0.2972



8.0298, 0.3269, 0.3264



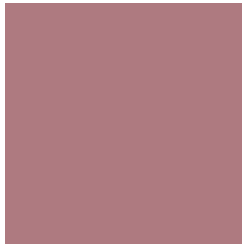
6.5683, 0.6235, 0.3208



0.1874, 0.5669, 0.2897

Previews

White Background



This preview shows how the Yxy color 24.4763, 0.3704, 0.3202 looks on a white background.

Color Contrast Check

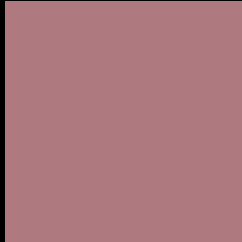
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.4763, 0.3704, 0.3202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

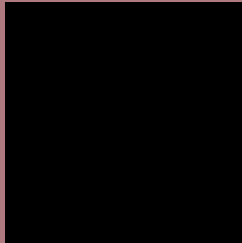
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.4763, 0.3704, 0.3202

Background



This preview shows how black text looks on a background with the Yxy color 24.4763, 0.3704, 0.3202.



This preview shows how white text looks on a background with the Yxy color 24.4763, 0.3704, 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

24.4763, 0.3704, 0.3202

Protanopia

24.4805, 0.3161, 0.3290

Deuteranopia

24.5113, 0.3442, 0.3372



Tritanopia

24.5564, 0.3666, 0.3157

Trichromacy



Original Color

24.4763, 0.3704, 0.3202

Protanomaly

24.2105, 0.3352, 0.3258

Deuteranomaly

24.5477, 0.3536, 0.3307

Tritanomaly

24.5294, 0.3678, 0.3172

Monochromacy



Original Color

24.4763, 0.3704, 0.3202

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

24.8031, 0.3326, 0.3258

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.4763, 0.3704, 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(174, 122, 128)` looks like.

```
.text, #text, p{  
    color:rgb(174, 122, 128)  
}
```

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(174, 122, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 122, 128) }
```

Border

The CSS property to change the border of an element to Yxy 24.4763, 0.3704, 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(174, 122, 128) }
```

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

```
.border{ border-color:rgb(174, 122, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 122, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 122, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 122, 128);  
box-shadow:4px 4px 4px 4px rgb(174, 122,  
128) }
```


Background

The CSS property to change the background color of an element to Yxy 24.4763, 0.3704, 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(174, 122, 128) }
```

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

```
.background{ background-color: rgb(174,  
122, 128) }
```

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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