

Converting Colors

$Y_{xy}(25.2914, 0.3738, 0.3074)$

Have a look what the booklet for
Yxy(25.2914, 0.3738, 0.3074)
contains.

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Color

Yxy(25.3726, 0.3744, 0.3078)

Conversions

Conversions Part 1

Format	Color
Hex	B87887
RGB	184, 120, 135
RGB Percent	72%, 47%, 53%
CMY	0.2783, 0.5295, 0.4705
CMYK	0.00, 0.35, 0.27, 0.28
HSL	346°, 31%, 60%
HSV	346°, 35%, 72%
XYZ	30.8626, 25.3726, 26.1969
YIQ	140.8460, 33.3290, 18.2330

Conversions

Conversions Part 2

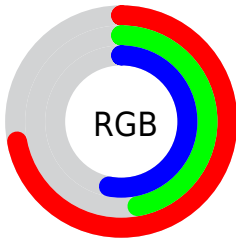
Format	Color
RYB	184, 120, 135
Decimal	12089479
CIELab	57.44, 27.13, 2.22
CIELCh	57, 27.218, 4.684
Yxy	25.3726, 0.3744, 0.3078
Android (android.graphics.Color)	4290279559 (0xFFB87887)
YUV	140.8460, -2.8821, 37.8461
Hunter-Lab	50.3712, 21.2178, 4.4245

Details

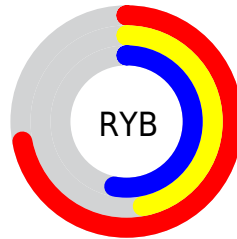
The Yxy color $25.3726, 0.3744, 0.3078$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $41.1500, 0.2740, 0.3517$, and the grayscale version is $26.5752, 0.3127, 0.3290$.

A 20% lighter version of the original color is $52.2188, 0.3611, 0.3127$, and $9.7033, 0.3979, 0.2997$ is the 20% darker color. If you saturate the color by 10%, you get $20.9942, 0.4015, 0.3018$, and if you desaturate by 10%, it is $30.6566, 0.3520, 0.3141$.

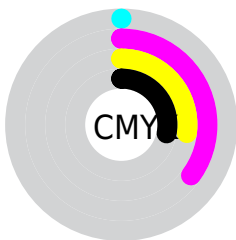
Distribution



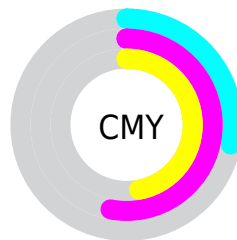
- Red (72%)
- Green (47%)
- Blue (53%)



- Red (72%)
- Yellow (47%)
- Blue (53%)



- Cyan (0%)
- Magenta (35%)
- Yellow (27%)
- Black (28%)





- Cyan (28%)
- Magenta (53%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.3726, 0.3744, 0.3078 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 25.3726, 0.3744, 0.3078 by changing the saturation by 10% instead.


 25.3726, 0.3744,
0.3078

 25.3726, 0.3744,
0.3078


279.6885, 0.3403,
0.3197


 16.3549, 0.3841,
0.3043


 52.2610, 0.3612,
0.3125

 9.7756, 0.3975,
0.2995


 70.9006, 0.3565,
0.3141

 5.2504, 0.4169,
0.2923

 93.5161, 0.3526,
0.3155

 2.3949, 0.4476,
0.2807

120.4921, 0.3493,
0.3166

 0.8233, 0.5057,
0.2602

152.2130, 0.3466,
0.3176

 0.0000, 1.0000,
0.0000

189.0630, 0.3442,


 0.0000, 0.0000,


0.3184

0.0000

231.4267, 0.3422,
0.3191


 25.3726, 0.3744,
0.3078

 25.3726, 0.3744,
0.3078


 20.9942, 0.4015,
0.3018

 30.6566, 0.3520,
0.3141


 17.4667, 0.4335,
0.2966


 36.8894, 0.3337,
0.3204


 14.7353, 0.4700,
0.2932


 44.1159, 0.3188,
0.3263


 12.7372, 0.5092,
0.2926


 52.3771, 0.3067,
0.3318


 11.4001, 0.5481,
0.2957


 61.7116, 0.2969,
0.3369


 10.6363, 0.5822,
0.3026

 72.1561, 0.2889,
0.3415

 10.3696, 0.5976,
0.3066

 83.7455, 0.2823,
0.3457

 88.4724, 0.2757,
0.3368

 88.9339, 0.2721,
0.3289

Harmonies

Analogous

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



25.3726, 0.3298, 0.2772



25.3726, 0.3744, 0.3078



25.3726, 0.4019, 0.3445

Triad

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



25.3726, 0.3744, 0.3078



25.3726, 0.3372, 0.4123



25.3726, 0.2293, 0.2700

Complementary

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



25.3726, 0.3744, 0.3078



41.1500, 0.2740, 0.3517

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.



25.3726, 0.2310, 0.3028



25.3726, 0.3744, 0.3078



25.3726, 0.2911, 0.3905

Square

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



25.3726, 0.3744, 0.3078



25.3726, 0.3785, 0.4067



25.3726, 0.2528, 0.3480



25.3726, 0.2476, 0.2551

Rectangle

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



25.3726, 0.3744, 0.3078



25.3726, 0.4057, 0.3690



25.3726, 0.2528, 0.3480



25.3726, 0.2276, 0.2790

Sweetspot

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



25.3738, 0.3744, 0.3078



72.6856, 0.3264, 0.3232



25.2191, 0.2993, 0.2395



15.2818, 0.3285, 0.3223



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



25.3738, 0.3744, 0.3078



39.5772, 0.3954, 0.3030



29.1577, 0.3859, 0.3520



9.0458, 0.3252, 0.3237



7.1535, 0.5947, 0.3050



0.2620, 0.5212, 0.2645

Inverse Universe

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



25.3738, 0.3744, 0.3078



39.5772, 0.3954, 0.3030



35.4664, 0.2610, 0.3045



9.0458, 0.3252, 0.3237



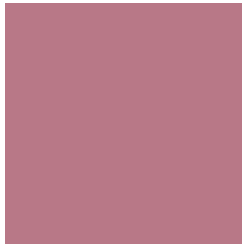
7.1535, 0.5947, 0.3050



0.2620, 0.5212, 0.2645

Previews

White Background



This preview shows how the Yxy color 25.3726, 0.3744, 0.3078 looks on a white background.

Color Contrast Check

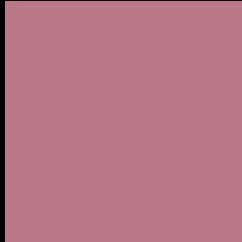
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.3726, 0.3744, 0.3078 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

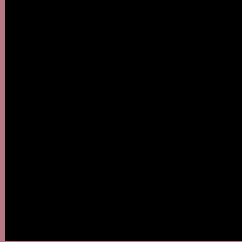
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.3726, 0.3744, 0.3078

Background



This preview shows how black text looks on a background with the Yxy color 25.3726, 0.3744, 0.3078.



This preview shows how white text looks on a background with the Yxy color 25.3726, 0.3744, 0.3078.

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

25.3726, 0.3744, 0.3078

Protanopia

25.7103, 0.3068, 0.3174

Deuteranopia

25.6137, 0.3368, 0.3307



Tritanopia

25.4768, 0.3804, 0.3164

Trichromacy



Original Color

25.3726, 0.3744, 0.3078

Protanomaly

25.1242, 0.3296, 0.3132

Deuteranomaly

25.4211, 0.3498, 0.3214

Tritanomaly

25.5310, 0.3778, 0.3135

Monochromacy



Original Color

25.3726, 0.3744, 0.3078

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

25.8072, 0.3338, 0.3196

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.3726, 0.3744, 0.3078 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(184, 120, 135)` looks like.

```
.text, #text, p{  
    color:rgb(184, 120, 135)  
}
```

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(184, 120, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 120, 135) }
```

Border

The CSS property to change the border of an element to Yxy 25.3726, 0.3744, 0.3078 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(184, 120, 135) }
```

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

```
.border{ border-color:rgb(184, 120, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 120, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 120, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 120, 135);  
box-shadow:4px 4px 4px 4px rgb(184, 120,  
135) }
```


Background

The CSS property to change the background color of an element to Yxy 25.3726, 0.3744, 0.3078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 120, 135) }
```

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

```
.background{ background-color: rgb(184,  
120, 135) }
```

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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