

Converting Colors

$Yxy(24.0320, 0.3801, 0.3041)$

Have a look what the booklet for
Yxy(24.0320, 0.3801, 0.3041)
contains.

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Color

Yxy(24.1178, 0.3802, 0.3050)

Conversions

Conversions Part 1

Format	Color
Hex	B87384
RGB	184, 115, 132
RGB Percent	72%, 45%, 52%
CMY	0.2784, 0.5490, 0.4824
CMYK	0.00, 0.38, 0.28, 0.28
HSL	345°, 33%, 59%
HSV	345°, 38%, 72%
XYZ	30.0642, 24.1178, 24.8927
YIQ	137.5690, 35.6670, 19.9150

Conversions

Conversions Part 2

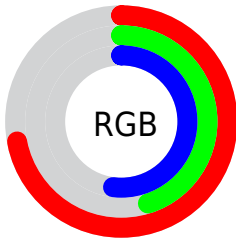
Format	Color
R_{YB}	184, 115, 132
Decimal	12088196
CIE _{Lab}	56.21, 29.44, 2.20
CIE _{LCh}	56, 29.526, 4.272
Yxy	24.1178, 0.3802, 0.3050
Android (android.graphics.Color)	4290278276 (0xFFB87384)
YUV	137.5690, -2.7455, 40.7200
Hunter-Lab	49.1099, 23.3323, 4.3241

Details

The Yxy color **24.1178, 0.3802, 0.3050** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **40.7233, 0.2719, 0.3550**, and the grayscale version is **25.2438, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.2088, 0.3650, 0.3105**, and **9.0723, 0.4053, 0.2940** is the 20% darker color. If you saturate the color by 10%, you get **19.9780, 0.4081, 0.2988**, and if you desaturate by 10%, it is **29.1481, 0.3570, 0.3116**.

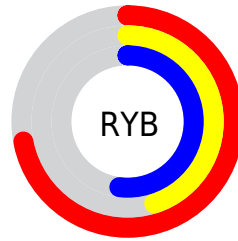
Distribution



Red (72%)

Green (45%)

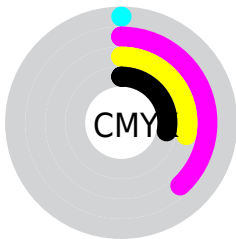
Blue (52%)



Red (72%)

Yellow (45%)

Blue (52%)

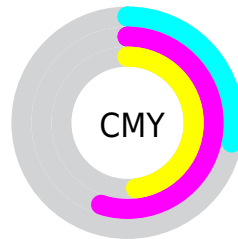


Cyan (0%)

Magenta (38%)

Yellow (28%)

Black (28%)



Cyan (28%)


Magenta (55%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.1178, 0.3802, 0.3050 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 24.1178, 0.3802, 0.3050 by changing the saturation by 10% instead.


 24.1178, 0.3802,
0.3050


 24.1178, 0.3802,
0.3050


273.4155, 0.3427,
0.3186


 15.4210, 0.3910,
0.3010


 50.2224, 0.3655,
0.3104

 9.1154, 0.4060,
0.2954


 68.3989, 0.3604,
0.3122

 4.8165, 0.4279,
0.2870

 90.5043, 0.3561,
0.3138

 2.1400, 0.4628,
0.2734

 116.9227, 0.3525,
0.3151

 0.6870, 0.5378,
0.2478

148.0386, 0.3495,
0.3161

 0.0000, 1.0000,
0.0000

184.2365, 0.3469,

 0.0000, 0.0000,

0.3171

0.0000

225.9006, 0.3447,
0.3179

■ 24.1178, 0.3802,
0.3050

■ 24.1178, 0.3802,
0.3050

■ 19.9780, 0.4081,
0.2988

■ 29.1481, 0.3570,
0.3116

■ 16.6731, 0.4409,
0.2938

■ 35.1132, 0.3379,
0.3182

■ 14.1468, 0.4777,
0.2908


■ 42.0587, 0.3224,
0.3245


■ 12.3340, 0.5167,
0.2910


■ 50.0262, 0.3098,
0.3304


■ 11.1592, 0.5543,
0.2951


■ 59.0549, 0.2996,
0.3359

 10.5114, 0.5868,
0.3028

 69.1817, 0.2912,
0.3409

 10.3838, 0.5942,
0.3047

 80.4420, 0.2843,
0.3454

 88.1816, 0.2780,
0.3419

 88.9322, 0.2721,
0.3289

Harmonies

Analogous

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



24.1178, 0.3306, 0.2720



24.1178, 0.3802, 0.3050



24.1178, 0.4110, 0.3448

Triad

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



24.1178, 0.3802, 0.3050



24.1178, 0.3398, 0.4216



24.1178, 0.2214, 0.2642

Complementary

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



24.1178, 0.3802, 0.3050



40.7233, 0.2719, 0.3550

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.



24.1178, 0.2234, 0.3003



24.1178, 0.3802, 0.3050



24.1178, 0.2893, 0.3979

Square

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



24.1178, 0.3802, 0.3050



24.1178, 0.3853, 0.4141



24.1178, 0.2473, 0.3505



24.1178, 0.2409, 0.2482

Rectangle

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



24.1178, 0.3802, 0.3050



24.1178, 0.4153, 0.3717



24.1178, 0.2473, 0.3505



24.1178, 0.2196, 0.2741

Sweetspot

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



24.1190, 0.3802, 0.3050



71.3868, 0.3277, 0.3222



23.9122, 0.2979, 0.2323



15.0222, 0.3298, 0.3214



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.



24.1190, 0.3802, 0.3050



37.4121, 0.4029, 0.2999



28.0014, 0.3936, 0.3538



9.0475, 0.3250, 0.3234



7.1648, 0.5911, 0.3030



0.2627, 0.5169, 0.2621

Inverse Universe

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



24.1190, 0.3802, 0.3050



37.4121, 0.4029, 0.2999



34.6561, 0.2573, 0.3023



9.0475, 0.3250, 0.3234



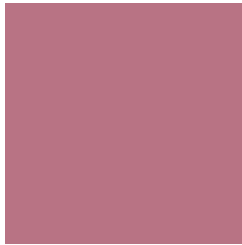
7.1648, 0.5911, 0.3030



0.2627, 0.5169, 0.2621

Previews

White Background



This preview shows how the Yxy color 24.1178, 0.3802, 0.3050 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 24.1178, 0.3802, 0.3050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

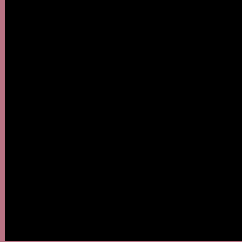
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.1178, 0.3802, 0.3050

Background



This preview shows how black text looks on a background with the Yxy color 24.1178, 0.3802, 0.3050.



This preview shows how white text looks on a background with the Yxy color 24.1178, 0.3802, 0.3050.

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

24.1178, 0.3802, 0.3050

Protanopia

24.1843, 0.3046, 0.3138

Deuteranopia

24.3016, 0.3372, 0.3324



Tritanopia

24.0387, 0.3878, 0.3163

Trichromacy



Original Color

24.1178, 0.3802, 0.3050

Protanomaly

23.8151, 0.3302, 0.3097

Deuteranomaly

23.9603, 0.3521, 0.3213

Tritanomaly

24.1166, 0.3838, 0.3120

Monochromacy



Original Color

24.1178, 0.3802, 0.3050

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

24.7114, 0.3354, 0.3195

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.1178, 0.3802, 0.3050 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, 115, 132)` looks like.

```
.text, #text, p{  
    color:rgb(184, 115, 132)  
}
```

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, 115, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 115, 132) }
```

Border

The CSS property to change the border of an element to Yxy 24.1178, 0.3802, 0.3050 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, 115, 132) }
```

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

```
.border{ border-color:rgb(184, 115, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 115, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 115, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 115, 132);  
box-shadow:4px 4px 4px 4px rgb(184, 115,  
132) }
```


Background

The CSS property to change the background color of an element to Yxy 24.1178, 0.3802, 0.3050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 115, 132) }
```

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

```
.background{ background-color: rgb(184,  
115, 132) }
```

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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