

Converting Colors

$Y_{xy}(24.4190, 0.3630, 0.2907)$

Have a look what the booklet for
Yxy(24.4190, 0.3630, 0.2907)
contains.

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Color

Yxy(24.4190, 0.3630, 0.2907)

Conversions

Conversions Part 1

Format	Color
Hex	B6748F
RGB	182, 116, 143
RGB Percent	71%, 45%, 56%
CMY	0.2863, 0.5451, 0.4392
CMYK	0.00, 0.36, 0.21, 0.29
HSL	335°, 31%, 58%
HSV	335°, 36%, 71%
XYZ	30.4922, 24.4190, 29.0894
YIQ	138.8120, 30.6690, 22.3890

Conversions

Conversions Part 2

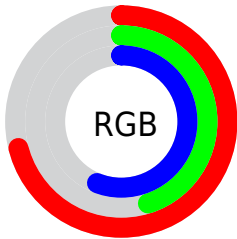
Format	Color
R _Y B	182, 116, 143
Decimal	11957391
CIE Lab	56.50, 29.76, -3.80
CIE LCh	57, 30.005, 352.718
Yxy	24.4190, 0.3630, 0.2907
Android (android.graphics.Color)	4290147471 (0xFFB6748F)
YUV	138.8120, 2.0647, 37.8759
Hunter-Lab	49.4156, 23.6675, -0.3113

Details

The Yxy color $24.4190, 0.3630, 0.2907$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $39.5322, 0.2804, 0.3714$, and the grayscale version is $25.7263, 0.3127, 0.3290$.

A 20% lighter version of the original color is $50.7579, 0.3520, 0.2984$, and $9.2759, 0.3820, 0.2763$ is the 20% darker color. If you saturate the color by 10%, you get $20.3165, 0.3837, 0.2802$, and if you desaturate by 10%, it is $29.3769, 0.3456, 0.3016$.

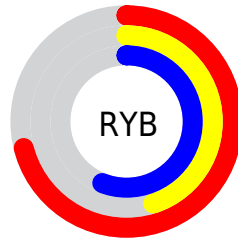
Distribution



Red (71%)

Green (45%)

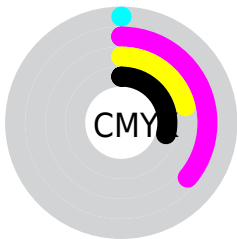
Blue (56%)



Red (71%)

Yellow (45%)

Blue (56%)

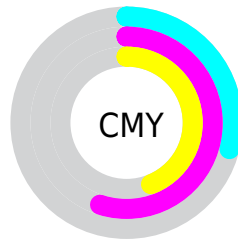


Cyan (0%)

Magenta (36%)

Yellow (21%)

Black (29%)



Cyan (29%)


Magenta (55%)


Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.4190, 0.3630, 0.2907 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 24.4190, 0.3630, 0.2907 by changing the saturation by 10% instead.


 24.4190, 0.3630,
0.2907


 24.4190, 0.3630,
0.2907


274.9320, 0.3354,
0.3115


 15.6447, 0.3708,
0.2849


 50.7131, 0.3523,
0.2987

 9.2731, 0.3815,
0.2771


 69.0017, 0.3485,
0.3015

 4.9197, 0.3970,
0.2659

 91.2305, 0.3454,
0.3039

 2.2002, 0.4214,
0.2488

117.7840, 0.3427,
0.3059

 0.7201, 0.4663,
0.2168

149.0465, 0.3405,
0.3076

 0.0000, 1.0000,
0.0000

185.4024, 0.3386,

 0.0000, 0.0000,

0.3091

0.0000

227.2361, 0.3369,
0.3103

■ 24.4190, 0.3630,
0.2907

■ 24.4190, 0.3630,
0.2907

■ 20.3165, 0.3837,
0.2802

■ 29.3769, 0.3456,
0.3016

■ 17.0169, 0.4078,
0.2709

■ 35.2320, 0.3311,
0.3125

■ 14.4673, 0.4350,
0.2640


■ 42.0273, 0.3191,
0.3228


■ 12.6067, 0.4644,
0.2607

■ 49.8021, 0.3093,
0.3326


■ 11.3645, 0.4945,
0.2620

■ 58.5934, 0.3012,
0.3416

 10.6484, 0.5233,
0.2685

 68.4363, 0.2945,
0.3499

 10.4439, 0.5339,
0.2715

 79.3642, 0.2890,
0.3575

 87.1235, 0.2840,
0.3576

 87.7433, 0.2786,
0.3455

Harmonies

Analogous

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



24.4190, 0.3102, 0.2617



24.4190, 0.3630, 0.2907



24.4190, 0.4034, 0.3290

Triad

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



24.4190, 0.3630, 0.2907



24.4190, 0.3592, 0.4233



24.4190, 0.2185, 0.2752

Complementary

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



24.4190, 0.3630, 0.2907



39.5322, 0.2804, 0.3714

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.



24.4190, 0.2292, 0.3185



24.4190, 0.3630, 0.2907



24.4190, 0.3084, 0.4118

Square

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



24.4190, 0.3630, 0.2907



24.4190, 0.3995, 0.4053



24.4190, 0.2611, 0.3709



24.4190, 0.2300, 0.2511

Rectangle

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



24.4190, 0.3630, 0.2907



24.4190, 0.4157, 0.3565



24.4190, 0.2611, 0.3709



24.4190, 0.2196, 0.2878

Sweetspot

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



24.4201, 0.3630, 0.2907



69.9100, 0.3247, 0.3178



22.7894, 0.2866, 0.2324



15.0771, 0.3263, 0.3164



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.



24.4201, 0.3630, 0.2907



37.8656, 0.3804, 0.2817



25.0040, 0.3957, 0.3372



9.0715, 0.3226, 0.3197



7.3888, 0.5310, 0.2699



0.2728, 0.4639, 0.2329

Inverse Universe

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



24.4201, 0.3630, 0.2907



37.8656, 0.3804, 0.2817



38.3344, 0.2614, 0.3205



9.0715, 0.3226, 0.3197



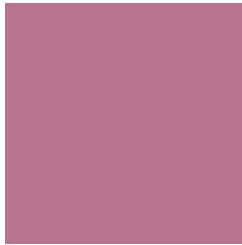
7.3888, 0.5310, 0.2699



0.2728, 0.4639, 0.2329

Previews

White Background



This preview shows how the Yxy color 24.4190, 0.3630, 0.2907 looks on a white background.

Color Contrast Check

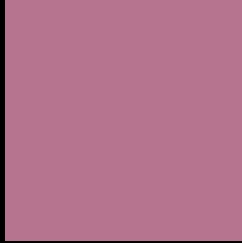
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.4190, 0.3630, 0.2907 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

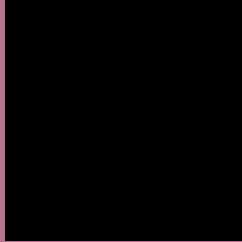
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.4190, 0.3630, 0.2907

Background



This preview shows how black text looks on a background with the Yxy color 24.4190, 0.3630, 0.2907.



This preview shows how white text looks on a background with the Yxy color 24.4190, 0.3630, 0.2907.

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

24.4190, 0.3630, 0.2907

Protanopia

24.6810, 0.2907, 0.2958

Deuteranopia

24.5990, 0.3213, 0.3160



Tritanopia

24.4555, 0.3789, 0.3161

Trichromacy



Original Color

24.4190, 0.3630, 0.2907

Protanomaly

24.2520, 0.3144, 0.2925

Deuteranomaly

24.3184, 0.3364, 0.3056

Tritanomaly

24.4741, 0.3740, 0.3075

Monochromacy



Original Color

24.4190, 0.3630, 0.2907

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

25.0946, 0.3307, 0.3148

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.4190, 0.3630, 0.2907 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(182, 116, 143)` looks like.

```
.text, #text, p{  
    color:rgb(182, 116, 143)  
}
```

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(182, 116, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 116, 143) }
```

Border

The CSS property to change the border of an element to Yxy 24.4190, 0.3630, 0.2907 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(182, 116, 143) }
```

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

```
.border{ border-color:rgb(182, 116, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 116, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 116, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 116, 143);  
box-shadow:4px 4px 4px 4px rgb(182, 116,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 24.4190, 0.3630, 0.2907 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 116, 143) }
```

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

```
.background{ background-color: rgb(182,  
116, 143) }
```

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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