

Converting Colors

$Y_{xy}(22.7960, 0.3879, 0.2978)$

Have a look what the booklet for
Yxy(22.7960, 0.3879, 0.2978)
contains.

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Color

Yxy(22.7759, 0.3881, 0.2982)

Conversions

Conversions Part 1

Format	Color
Hex	BA6C82
RGB	186, 108, 130
RGB Percent	73%, 42%, 51%
CMY	0.2706, 0.5765, 0.4901
CMYK	0.00, 0.42, 0.30, 0.27
HSL	343°, 36%, 58%
HSV	343°, 42%, 73%
XYZ	29.6423, 22.7759, 23.9598
YIQ	133.8300, 39.4260, 23.3780

Conversions

Conversions Part 2

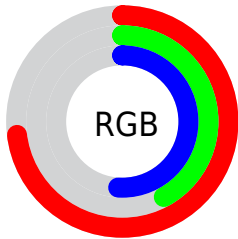
Format	Color
R_{YB}	186, 108, 130
Decimal	12217474
CIE _{Lab}	54.84, 33.73, 1.39
CIE _{LCh}	55, 33.755, 2.367
Yxy	22.7759, 0.3881, 0.2982
Android (android.graphics.Color)	4290407554 (0xFFBA6C82)
YUV	133.8300, -1.8882, 45.7531
Hunter-Lab	47.7241, 27.3523, 3.6405

Details

The Yxy color $22.7759, 0.3881, 0.2982$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $40.9853, 0.2698, 0.3632$, and the grayscale version is $23.7717, 0.3127, 0.3290$.

A 20% lighter version of the original color is $48.1417, 0.3715, 0.3052$, and $8.4455, 0.4180, 0.2856$ is the 20% darker color. If you saturate the color by 10%, you get $18.9277, 0.4166, 0.2915$, and if you desaturate by 10%, it is $27.5098, 0.3642, 0.3057$.

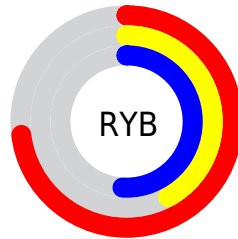
Distribution



Red (73%)

Green (42%)

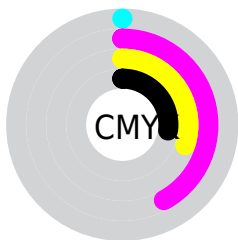
Blue (51%)



Red (73%)

Yellow (42%)

Blue (51%)

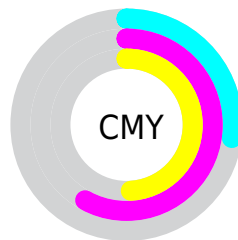


Cyan (0%)

Magenta (42%)

Yellow (30%)

Black (27%)



Cyan (27%)


Magenta (58%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.7759, 0.3881, 0.2982 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 22.7759, 0.3881, 0.2982 by changing the saturation by 10% instead.


 22.7759, 0.3881,
0.2982

 22.7759, 0.3881,
0.2982


266.5719, 0.3459,
0.3156


 14.4281, 0.4004,
0.2931


 48.0251, 0.3715,
0.3051


 8.4190, 0.4175,
0.2859


 65.6953, 0.3657,
0.3075

 4.3642, 0.4426,
0.2752

 87.2418, 0.3609,
0.3095

 1.8793, 0.4829,
0.2578

 113.0489, 0.3569,
0.3111

 0.5359, 0.5839,
0.2182

143.5011, 0.3535,
0.3125

 0.0000, 1.0000,
0.0000

178.9827, 0.3506,

 0.0000, 0.0000,

0.3137

0.0000

219.8782, 0.3481,
0.3147

■ 22.7759, 0.3881,
0.2982

■ 22.7759, 0.3881,
0.2982

■ 18.9277, 0.4166,
0.2915

■ 27.5098, 0.3642,
0.3057

■ 15.9062, 0.4494,
0.2864

■ 33.1766, 0.3444,
0.3133

■ 13.6509, 0.4855,
0.2841


■ 39.8242, 0.3282,
0.3207

■ 12.0910, 0.5228,
0.2855


■ 47.4964, 0.3150,
0.3277

■ 11.1426, 0.5577,
0.2914

■ 56.2340, 0.3042,
0.3342

 10.6914, 0.5825,
0.2983

 66.0759, 0.2954,
0.3402

 77.0588, 0.2882,
0.3456

 88.0626, 0.2822,
0.3487

 88.8714, 0.2755,
0.3341

Harmonies

Analogous

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



22.7759, 0.3292, 0.2617



22.7759, 0.3881, 0.2982



22.7759, 0.4261, 0.3429

Triad

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



22.7759, 0.3881, 0.2982



22.7759, 0.3469, 0.4382



22.7759, 0.2075, 0.2556

Complementary

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



22.7759, 0.3881, 0.2982



40.9853, 0.2698, 0.3632

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.



22.7759, 0.2111, 0.2980



22.7759, 0.3881, 0.2982



22.7759, 0.2884, 0.4134

Square

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



22.7759, 0.3881, 0.2982



22.7759, 0.3989, 0.4254



22.7759, 0.2393, 0.3577



22.7759, 0.2280, 0.2366

Rectangle

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



22.7759, 0.3881, 0.2982



22.7759, 0.4322, 0.3738



22.7759, 0.2393, 0.3577



22.7759, 0.2059, 0.2672

Sweetspot

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



22.7770, 0.3881, 0.2982



70.5383, 0.3301, 0.3198



22.1528, 0.2927, 0.2197



14.9208, 0.3335, 0.3181



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



22.7770, 0.3881, 0.2982



35.0039, 0.4132, 0.2922



26.1642, 0.4087, 0.3532



9.0528, 0.3245, 0.3226



7.2043, 0.5792, 0.2964



0.2649, 0.5037, 0.2549

Inverse Universe

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



22.7770, 0.3881, 0.2982



35.0039, 0.4132, 0.2922



35.1465, 0.2520, 0.3027



9.0528, 0.3245, 0.3226



7.2043, 0.5792, 0.2964



0.2649, 0.5037, 0.2549

Previews

White Background



This preview shows how the Yxy color 22.7759, 0.3881, 0.2982 looks on a white background.

Color Contrast Check

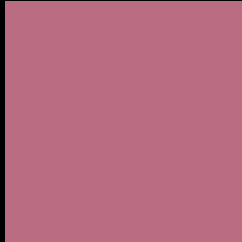
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.7759, 0.3881, 0.2982 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 22.7759, 0.3881, 0.2982

Background



This preview shows how black text looks on a background with the Yxy color 22.7759, 0.3881, 0.2982.



This preview shows how white text looks on a background with the Yxy color 22.7759, 0.3881, 0.2982.

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

22.7759, 0.3881, 0.2982

Protanopia

23.0411, 0.3002, 0.3083

Deuteranopia

22.8220, 0.3356, 0.3291



Tritanopia

22.7742, 0.4027, 0.3179

Trichromacy



Original Color

22.7759, 0.3881, 0.2982

Protanomaly

22.5802, 0.3296, 0.3046

Deuteranomaly

22.5685, 0.3549, 0.3164

Tritanomaly

22.6567, 0.3976, 0.3108

Monochromacy



Original Color

22.7759, 0.3881, 0.2982

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

23.1330, 0.3375, 0.3161

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.7759, 0.3881, 0.2982 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(186, 108, 130)` looks like.

```
.text, #text, p{  
    color:rgb(186, 108, 130)  
}
```

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(186, 108, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 108, 130) }
```

Border

The CSS property to change the border of an element to Yxy 22.7759, 0.3881, 0.2982 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(186, 108, 130) }
```

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

```
.border{ border-color:rgb(186, 108, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 108, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 108, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 108, 130);  
box-shadow:4px 4px 4px 4px rgb(186, 108,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 22.7759, 0.3881, 0.2982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 108, 130) }
```

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

```
.background{ background-color: rgb(186,  
108, 130) }
```

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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