

Converting Colors

$Y_{xy}(22.0828, 0.3924, 0.3018)$

Have a look what the booklet for
Yxy(22.0828, 0.3924, 0.3018)
contains.

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Color

Yxy(22.0048, 0.3921, 0.3008)

Conversions

Conversions Part 1

Format	Color
Hex	B86A7E
RGB	184, 106, 126
RGB Percent	72%, 42%, 49%
CMY	0.2785, 0.5843, 0.5060
CMYK	0.00, 0.42, 0.32, 0.28
HSL	345°, 35%, 57%
HSV	345°, 42%, 72%
XYZ	28.6838, 22.0048, 22.4657
YIQ	131.6020, 40.0680, 22.7560

Conversions

Conversions Part 2

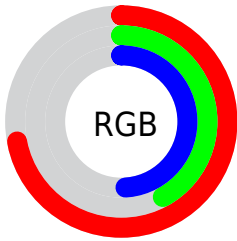
Format	Color
RYB	184, 106, 126
Decimal	12085886
CIELab	54.03, 33.52, 2.56
CIELCh	54, 33.615, 4.374
Yxy	22.0048, 0.3921, 0.3008
Android (android.graphics.Color)	4290275966 (0xFFB86A7E)
YUV	131.6020, -2.7618, 45.9530
Hunter-Lab	46.9093, 27.0568, 4.4415

Details

The Yxy color $22.0048, 0.3921, 0.3008$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $40.0228, 0.2681, 0.3602$, and the grayscale version is $22.9237, 0.3127, 0.3290$.

A 20% lighter version of the original color is $46.9282, 0.3741, 0.3072$, and $8.0313, 0.4249, 0.2890$ is the 20% darker color. If you saturate the color by 10%, you get $18.2818, 0.4219, 0.2948$, and if you desaturate by 10%, it is $26.5918, 0.3670, 0.3075$.

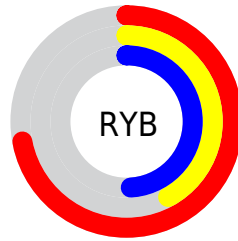
Distribution



 Red (72%)

 Green (42%)

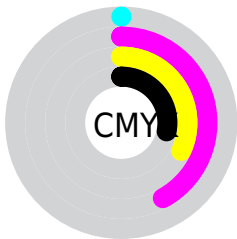
 Blue (49%)



 Red (72%)

 Yellow (42%)

 Blue (49%)

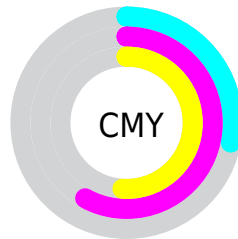


 Cyan (0%)

 Magenta (42%)

 Yellow (32%)

 Black (28%)



 Cyan (28%)

 Magenta (58%)


 Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.0048, 0.3921, 0.3008 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 22.0048, 0.3921, 0.3008 by changing the saturation by 10% instead.


 22.0048, 0.3921,
0.3008


 22.0048, 0.3921,
0.3008


262.5713, 0.3474,
0.3170


 13.8604, 0.4053,
0.2959


 46.7539, 0.3745,
0.3073

 8.0237, 0.4236,
0.2890


 64.1275, 0.3683,
0.3095

 4.1101, 0.4508,
0.2785

 85.3462, 0.3632,
0.3113

 1.7353, 0.4950,
0.2610

 110.7945, 0.3590,
0.3129

 0.4464, 0.6348,
0.2164

140.8568, 0.3554,
0.3141

 0.0000, 1.0000,
0.0000

175.9174, 0.3524,

 0.0000, 0.0000,

0.3152

0.0000

216.3608, 0.3497,
0.3162

■ 22.0048, 0.3921,
0.3008

■ 22.0048, 0.3921,
0.3008

■ 18.2818, 0.4219,
0.2948

■ 26.5918, 0.3670,
0.3075

■ 15.3652, 0.4563,
0.2904

■ 32.0894, 0.3463,
0.3145

■ 13.1952, 0.4940,
0.2887


■ 38.5444, 0.3294,
0.3212

■ 11.7025, 0.5324,
0.2906


■ 45.9997, 0.3156,
0.3276


■ 10.8043, 0.5677,
0.2967


■ 54.4954, 0.3044,
0.3335

 10.3950, 0.5910,
0.3030

 64.0697, 0.2953,
0.3389

 74.7585, 0.2878,
0.3438

 86.5961, 0.2817,
0.3483

 88.5595, 0.2749,
0.3351

Harmonies

Analogous

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



22.0048, 0.3335, 0.2633



22.0048, 0.3921, 0.3008



22.0048, 0.4283, 0.3461

Triad

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



22.0048, 0.3921, 0.3008



22.0048, 0.3431, 0.4386



22.0048, 0.2074, 0.2531

Complementary

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



22.0048, 0.3921, 0.3008



40.0228, 0.2681, 0.3602

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.



22.0048, 0.2094, 0.2942



22.0048, 0.3921, 0.3008



22.0048, 0.2844, 0.4110

Square

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



22.0048, 0.3921, 0.3008



22.0048, 0.3964, 0.4279



22.0048, 0.2362, 0.3537



22.0048, 0.2296, 0.2355

Rectangle

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



22.0048, 0.3921, 0.3008



22.0048, 0.4328, 0.3771



22.0048, 0.2362, 0.3537



22.0048, 0.2053, 0.2642

Sweetspot

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



22.0059, 0.3921, 0.3008



68.8324, 0.3306, 0.3206



21.5786, 0.2939, 0.2191



14.2585, 0.3341, 0.3192



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.



22.0059, 0.3921, 0.3008



33.4631, 0.4202, 0.2951



25.6976, 0.4092, 0.3552



9.0489, 0.3249, 0.3232



7.1751, 0.5880, 0.3013



0.2633, 0.5132, 0.2601

Inverse Universe

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



22.0059, 0.3921, 0.3008



33.4631, 0.4202, 0.2951



33.7233, 0.2511, 0.3003



9.0489, 0.3249, 0.3232



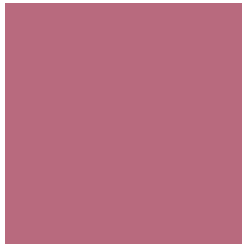
7.1751, 0.5880, 0.3013



0.2633, 0.5132, 0.2601

Previews

White Background



This preview shows how the Yxy color 22.0048, 0.3921, 0.3008 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 22.0048, 0.3921, 0.3008 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

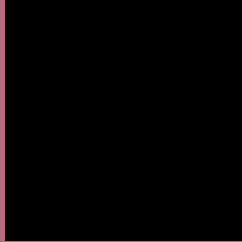
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.0048, 0.3921, 0.3008

Background



This preview shows how black text looks on a background with the Yxy color 22.0048, 0.3921, 0.3008.



This preview shows how white text looks on a background with the Yxy color 22.0048, 0.3921, 0.3008.

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

22.0048, 0.3921, 0.3008

Protanopia

22.2317, 0.3021, 0.3115

Deuteranopia

22.1170, 0.3395, 0.3325



Tritanopia

22.0534, 0.4041, 0.3178

Trichromacy



Original Color

22.0048, 0.3921, 0.3008

Protanomaly

21.7855, 0.3322, 0.3075

Deuteranomaly

21.7830, 0.3581, 0.3195

Tritanomaly

21.9387, 0.3989, 0.3106

Monochromacy



Original Color

22.0048, 0.3921, 0.3008

Achromatopsia

23.0740, 0.3127, 0.3290

Achromatomaly

22.3569, 0.3391, 0.3175

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.0048, 0.3921, 0.3008 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, 106, 126)` looks like.

```
.text, #text, p{  
    color:rgb(184, 106, 126)  
}
```

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, 106, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 106, 126) }
```

Border

The CSS property to change the border of an element to Yxy 22.0048, 0.3921, 0.3008 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, 106, 126) }
```

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

```
.border{ border-color:rgb(184, 106, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 106, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 106, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 106, 126);  
box-shadow:4px 4px 4px 4px rgb(184, 106,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 22.0048, 0.3921, 0.3008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 106, 126) }
```

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

```
.background{ background-color: rgb(184,  
106, 126) }
```

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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