

Converting Colors

$Yxy(21.2924, 0.3844, 0.3007)$

Have a look what the booklet for
Yxy(21.2924, 0.3844, 0.3007)
contains.

Yxy(21.2794, 0.3844, 0.2998)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(21.2794, 0.3844, 0.2998)

Conversions

Conversions Part 1

Format	Color
Hex	B26A7E
RGB	178, 106, 126
RGB Percent	70%, 42%, 49%
CMY	0.3019, 0.5843, 0.5058
CMYK	0.00, 0.40, 0.29, 0.30
HSL	343°, 32%, 56%
HSV	343°, 40%, 70%
XYZ	27.2842, 21.2794, 22.4151
YIQ	129.8080, 36.4920, 21.4840

Conversions

Conversions Part 2

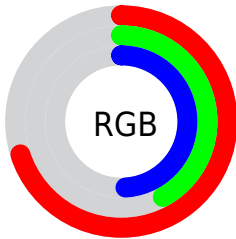
Format	Color
RYB	178, 106, 126
Decimal	11692670
CIELab	53.25, 31.32, 1.31
CIElCh	53, 31.352, 2.396
Yxy	21.2794, 0.3844, 0.2998
Android (android.graphics.Color)	4289882750 (0xFFB26A7E)
YUV	129.8080, -1.8773, 42.2644
Hunter-Lab	46.1296, 24.8503, 3.4808

Details

The Yxy color $21.2794, 0.3844, 0.2998$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $37.3800, 0.2709, 0.3612$, and the grayscale version is $22.2496, 0.3127, 0.3290$.

A 20% lighter version of the original color is $45.3706, 0.3678, 0.3055$, and $7.6730, 0.4129, 0.2888$ is the 20% darker color. If you saturate the color by 10%, you get $17.6739, 0.4122, 0.2931$, and if you desaturate by 10%, it is $25.6911, 0.3611, 0.3072$.

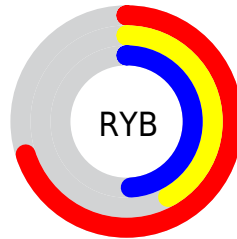
Distribution



Red (70%)

Green (42%)

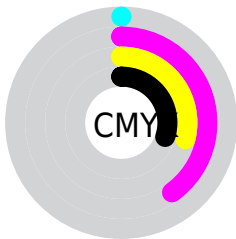
Blue (49%)



Red (70%)

Yellow (42%)

Blue (49%)

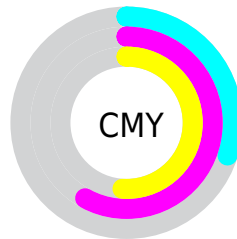


Cyan (0%)

Magenta (40%)

Yellow (29%)

Black (30%)



Cyan (30%)

Magenta (58%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 21.2794, 0.3844, 0.2998 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 21.2794, 0.3844, 0.2998 by changing the saturation by 10% instead.


 21.2794, 0.3844,
0.2998


 21.2794, 0.3844,
0.2998


258.7596, 0.3439,
0.3165

 13.3284, 0.3964,
0.2948


 45.5521, 0.3684,
0.3064


 7.6551, 0.4133,
0.2877


 62.6425, 0.3627,
0.3087

 3.8750, 0.4384,
0.2771

 83.5482, 0.3582,
0.3106

 1.6039, 0.4797,
0.2594

 108.6536, 0.3543,
0.3122

 0.3602, 0.6322,
0.2005

138.3430, 0.3511,
0.3135

 0.0000, 1.0000,
0.0000

173.0009, 0.3484,

 0.0000, 0.0000,

0.3146

0.0000

213.0117, 0.3460,
0.3156

■ 21.2794, 0.3844,
0.2998

■ 21.2794, 0.3844,
0.2998

■ 17.6739, 0.4122,
0.2931

■ 25.6911, 0.3611,
0.3072

■ 14.8225, 0.4445,
0.2878

■ 30.9509, 0.3418,
0.3147

■ 12.6716, 0.4803,
0.2850

■ 37.1015, 0.3261,
0.3219

■ 11.1593, 0.5177,
0.2858

■ 44.1815, 0.3132,
0.3287

■ 10.2127, 0.5533,
0.2909

■ 52.2276, 0.3028,
0.3350

■ 9.6932, 0.5832,
0.2986

■ 61.2744, 0.2942,
0.3408

■ 71.3547, 0.2872,
0.3461

■ 82.4999, 0.2815,
0.3509

■ 87.3789, 0.2756,
0.3435

Harmonies

Analogous

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



21.2794, 0.3286, 0.2647



21.2794, 0.3844, 0.2998



21.2794, 0.4204, 0.3428

Triad

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



21.2794, 0.3844, 0.2998



21.2794, 0.3455, 0.4325



21.2794, 0.2121, 0.2592

Complementary

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



21.2794, 0.3844, 0.2998



37.3800, 0.2709, 0.3612

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.



21.2794, 0.2157, 0.2998



21.2794, 0.3844, 0.2998



21.2794, 0.2898, 0.4087

Square

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



21.2794, 0.3844, 0.2998



21.2794, 0.3949, 0.4210



21.2794, 0.2428, 0.3563



21.2794, 0.2319, 0.2408

Rectangle

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



21.2794, 0.3844, 0.2998



21.2794, 0.4263, 0.3723



21.2794, 0.2428, 0.3563



21.2794, 0.2107, 0.2704

Sweetspot

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



21.2804, 0.3844, 0.2998



65.1978, 0.3286, 0.3207



20.7511, 0.2937, 0.2239



14.1155, 0.3305, 0.3197



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



21.2804, 0.3844, 0.2998



32.4035, 0.4104, 0.2934



24.3280, 0.4036, 0.3523



8.5428, 0.3245, 0.3227



6.9434, 0.5803, 0.2970



0.2286, 0.4998, 0.2527

Inverse Universe

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



21.2804, 0.3844, 0.2998



32.4035, 0.4104, 0.2934



32.2650, 0.2541, 0.3039



8.5428, 0.3245, 0.3227



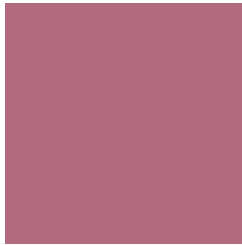
6.9434, 0.5803, 0.2970



0.2286, 0.4998, 0.2527

Previews

White Background



This preview shows how the Yxy color 21.2794, 0.3844, 0.2998 looks on a white background.

Color Contrast Check

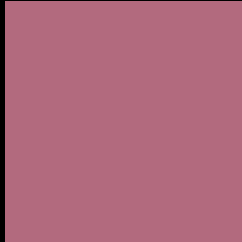
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.2794, 0.3844, 0.2998 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

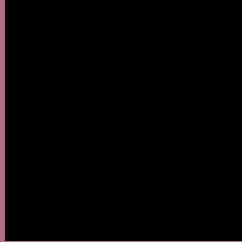
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 21.2794, 0.3844, 0.2998

Background



This preview shows how black text looks on a background with the Yxy color 21.2794, 0.3844, 0.2998.



This preview shows how white text looks on a background with the Yxy color 21.2794, 0.3844, 0.2998.

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

21.2794, 0.3844, 0.2998

Protanopia

21.5257, 0.3009, 0.3095

Deuteranopia

21.3468, 0.3363, 0.3291



Tritanopia

21.3332, 0.3964, 0.3174

Trichromacy



Original Color

21.2794, 0.3844, 0.2998

Protanomaly

21.0259, 0.3288, 0.3039

Deuteranomaly

21.1464, 0.3532, 0.3176

Tritanomaly

21.2186, 0.3912, 0.3100

Monochromacy



Original Color

21.2794, 0.3844, 0.2998

Achromatopsia

22.3228, 0.3127, 0.3290

Achromatomaly

21.4628, 0.3358, 0.3156

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.2794, 0.3844, 0.2998 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(178, 106, 126)` looks like.

```
.text, #text, p{  
    color:rgb(178, 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(178, 106, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 106, 126) }
```

Border

The CSS property to change the border of an element to Yxy 21.2794, 0.3844, 0.2998 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(178, 106, 126) }
```

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

```
.border{ border-color:rgb(178, 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(178, 106, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 106, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 106, 126);  
box-shadow:4px 4px 4px 4px rgb(178, 106,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 21.2794, 0.3844, 0.2998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 106, 126) }
```

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

```
.background{ background-color: rgb(178,  
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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