

Converting Colors

$Y_{xy}(21.1796, 0.3920, 0.3003)$

Have a look what the booklet for
Yxy(21.1796, 0.3920, 0.3003)
contains.

Yxy(21.1796, 0.3920, 0.3003)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(21.1796, 0.3920, 0.3003)

Conversions

Conversions Part 1

Format	Color
Hex	B5687C
RGB	181, 104, 124
RGB Percent	71%, 41%, 49%
CMY	0.2901, 0.5922, 0.5137
CMYK	0.00, 0.43, 0.31, 0.29
HSL	344°, 34%, 56%
HSV	344°, 43%, 71%
XYZ	27.6470, 21.1796, 21.7015
YIQ	129.3030, 39.4720, 22.5440

Conversions

Conversions Part 2

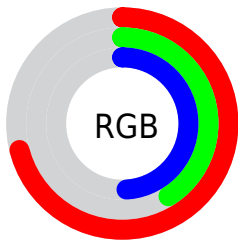
Format	Color
R _Y B	181, 104, 124
Decimal	11888764
CIE Lab	53.15, 33.25, 2.39
CIE LCh	53, 33.334, 4.112
Yxy	21.1796, 0.3920, 0.3003
Android (android.graphics.Color)	4290078844 (0xFFB5687C)
YUV	129.3030, -2.6144, 45.3383
Hunter-Lab	46.0213, 26.6956, 4.2565

Details

The Yxy color **21.1796, 0.3920, 0.3003** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **38.5694, 0.2682, 0.3608**, and the grayscale version is **22.0642, 0.3127, 0.3290**.

A 20% lighter version of the original color is **45.5993, 0.3748, 0.3080**, and **7.5820, 0.4255, 0.2882** is the 20% darker color. If you saturate the color by 10%, you get **17.6033, 0.4217, 0.2943**, and if you desaturate by 10%, it is **25.5862, 0.3670, 0.3071**.

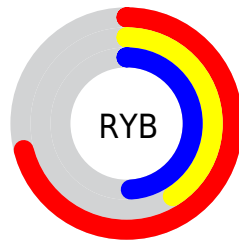
Distribution



Red (71%)

Green (41%)

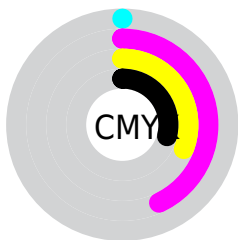
Blue (49%)



Red (71%)

Yellow (41%)

Blue (49%)

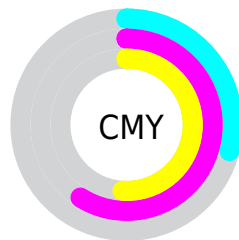


Cyan (0%)

Magenta (43%)

Yellow (31%)

Black (29%)



Cyan (29%)


Magenta (59%)

Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 21.1796, 0.3920, 0.3003 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 21.1796, 0.3920, 0.3003 by changing the saturation by 10% instead.


 21.1796, 0.3920,
0.3003


 21.1796, 0.3920,
0.3003


258.2314, 0.3471,
0.3168

 13.2553, 0.4054,
0.2952


 45.3862, 0.3742,
0.3069


 7.6046, 0.4240,
0.2881


 62.4374, 0.3680,
0.3092

 3.8430, 0.4519,
0.2772

 83.2997, 0.3629,
0.3111

 1.5861, 0.4976,
0.2589

 108.3575, 0.3587,
0.3126

 0.3482, 0.6780,
0.2001

137.9952, 0.3551,
0.3139

 0.0000, 1.0000,
0.0000

172.5971, 0.3521,

 0.0000, 0.0000,

0.3151

0.0000

212.5477, 0.3494,
0.3160

■ 21.1796, 0.3920,
0.3003

■ 21.1796, 0.3920,
0.3003

■ 17.6033, 0.4217,
0.2943

■ 25.5862, 0.3670,
0.3071

■ 14.8017, 0.4558,
0.2898

■ 30.8677, 0.3464,
0.3141

■ 12.7175, 0.4933,
0.2880


■ 37.0693, 0.3295,
0.3210

■ 11.2839, 0.5315,
0.2899


■ 44.2321, 0.3158,
0.3274

■ 10.4214, 0.5667,
0.2960


■ 52.3947, 0.3046,
0.3334

 10.0308, 0.5895,
0.3021

 61.5937, 0.2955,
0.3389

 71.8638, 0.2880,
0.3440

 83.2379, 0.2819,
0.3485

 87.9130, 0.2757,
0.3402

Harmonies

Analogous

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



21.1796, 0.3330, 0.2628



21.1796, 0.3920, 0.3003



21.1796, 0.4286, 0.3457

Triad

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



21.1796, 0.3920, 0.3003



21.1796, 0.3437, 0.4392



21.1796, 0.2069, 0.2530

Complementary

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



21.1796, 0.3920, 0.3003



38.5694, 0.2682, 0.3608

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.



21.1796, 0.2091, 0.2945



21.1796, 0.3920, 0.3003



21.1796, 0.2848, 0.4118

Square

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



21.1796, 0.3920, 0.3003



21.1796, 0.3972, 0.4281



21.1796, 0.2362, 0.3543



21.1796, 0.2290, 0.2352

Rectangle

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



21.1796, 0.3920, 0.3003



21.1796, 0.4333, 0.3768



21.1796, 0.2362, 0.3543



21.1796, 0.2049, 0.2642

Sweetspot

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



21.1806, 0.3920, 0.3003



65.5832, 0.3305, 0.3205



20.7593, 0.2938, 0.2187



13.6255, 0.3340, 0.3191



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.



21.1806, 0.3920, 0.3003



31.9217, 0.4195, 0.2946



24.7357, 0.4096, 0.3553



8.5403, 0.3248, 0.3231



6.9238, 0.5864, 0.3004



0.2276, 0.5065, 0.2564

Inverse Universe

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



21.1806, 0.3920, 0.3003



31.9217, 0.4195, 0.2946



32.4891, 0.2510, 0.3002



8.5403, 0.3248, 0.3231



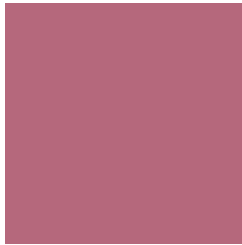
6.9238, 0.5864, 0.3004



0.2276, 0.5065, 0.2564

Previews

White Background



This preview shows how the Yxy color 21.1796, 0.3920, 0.3003 looks on a white background.

Color Contrast Check

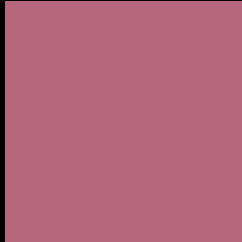
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.1796, 0.3920, 0.3003 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

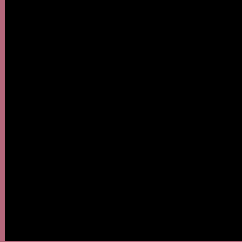
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 21.1796, 0.3920, 0.3003

Background



This preview shows how black text looks on a background with the Yxy color 21.1796, 0.3920, 0.3003.



This preview shows how white text looks on a background with the Yxy color 21.1796, 0.3920, 0.3003.

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

21.1796, 0.3920, 0.3003

Protanopia

21.4969, 0.3020, 0.3112

Deuteranopia

21.2972, 0.3387, 0.3325



Tritanopia

21.2263, 0.4042, 0.3176

Trichromacy



Original Color

21.1796, 0.3920, 0.3003

Protanomaly

21.0626, 0.3325, 0.3073

Deuteranomaly

20.9638, 0.3575, 0.3193

Tritanomaly

21.1145, 0.3989, 0.3103

Monochromacy



Original Color

21.1796, 0.3920, 0.3003

Achromatopsia

21.9526, 0.3127, 0.3290

Achromatomaly

21.2611, 0.3397, 0.3173

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.1796, 0.3920, 0.3003 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(181, 104, 124)` looks like.

```
.text, #text, p{  
    color:rgb(181, 104, 124)  
}
```

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(181, 104, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 104, 124) }
```

Border

The CSS property to change the border of an element to Yxy 21.1796, 0.3920, 0.3003 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(181, 104, 124) }
```

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

```
.border{ border-color:rgb(181, 104, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 104, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 104, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 104, 124);  
box-shadow:4px 4px 4px 4px rgb(181, 104,  
124) }
```


Background

The CSS property to change the background color of an element to Yxy 21.1796, 0.3920, 0.3003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 104, 124) }
```

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

```
.background{ background-color: rgb(181,  
104, 124) }
```

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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