

Converting Colors

$Y_{xy}(21.4475, 0.4036, 0.3172)$

Have a look what the booklet for
Yxy(21.4475, 0.4036, 0.3172)
contains.

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Color

Yxy(21.5770, 0.4035, 0.3177)

Conversions

Conversions Part 1

Format	Color
Hex	B56B73
RGB	181, 107, 115
RGB Percent	71%, 42%, 45%
CMY	0.2903, 0.5803, 0.5491
CMYK	0.00, 0.41, 0.36, 0.29
HSL	354°, 33%, 56%
HSV	354°, 41%, 71%
XYZ	27.4042, 21.5770, 18.9351
YIQ	130.0380, 41.5360, 18.1760

Conversions

Conversions Part 2

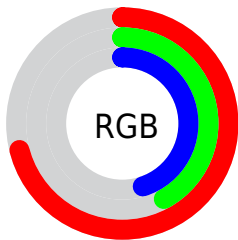
Format	Color
R_YB	181, 107, 115
Decimal	11889523
CIE Lab	53.58, 30.42, 8.32
CIE LCh	54, 31.540, 15.300
Yxy	21.5770, 0.4035, 0.3177
Android (android.graphics.Color)	4290079603 (0xFFB56B73)
YUV	130.0380, -7.4137, 44.6937
Hunter-Lab	46.4510, 24.0184, 8.3471

Details

The Yxy color **21.5770, 0.4035, 0.3177** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **39.1847, 0.2624, 0.3412**, and the grayscale version is **22.3538, 0.3127, 0.3290**.

A 20% lighter version of the original color is **45.9370, 0.3832, 0.3203**, and **7.8670, 0.4410, 0.3117** is the 20% darker color. If you saturate the color by 10%, you get **17.8506, 0.4392, 0.3153**, and if you desaturate by 10%, it is **26.1604, 0.3737, 0.3205**.

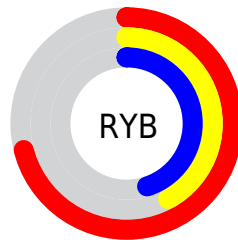
Distribution



Red (71%)

Green (42%)

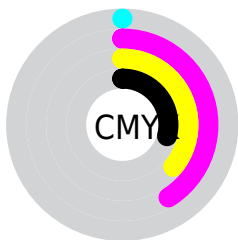
Blue (45%)



Red (71%)

Yellow (42%)

Blue (45%)

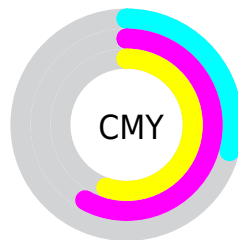


Cyan (0%)

Magenta (41%)

Yellow (36%)

Black (29%)



Cyan (29%)


Magenta (58%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 21.5770, 0.4035, 0.3177 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 21.5770, 0.4035, 0.3177 by changing the saturation by 10% instead.


 21.5770, 0.4035,
0.3177

 21.5770, 0.4035,
0.3177


260.3292, 0.3519,
0.3252


 13.5464, 0.4189,
0.3150


 46.0459, 0.3830,
0.3210

 7.8059, 0.4404,
0.3108


 63.2529, 0.3759,
0.3220

 3.9710, 0.4724,
0.3038

 84.2876, 0.3701,
0.3229

 1.6573, 0.5244,
0.2903

 109.5343, 0.3652,
0.3235

 0.3958, 0.7440,
0.2560

139.3775, 0.3611,
0.3240

 0.0000, 1.0000,
0.0000

174.2014, 0.3576,

 0.0000, 0.0000,

0.3245

0.0000

214.3905, 0.3546,
0.3249

■ 21.5770, 0.4035,
0.3177

■ 21.5770, 0.4035,
0.3177

■ 17.8506, 0.4392,
0.3153

■ 26.1604, 0.3737,
0.3205

■ 14.9250, 0.4802,
0.3138

■ 31.6462, 0.3494,
0.3234

■ 12.7423, 0.5246,
0.3136


■ 38.0803, 0.3298,
0.3262

■ 11.2353, 0.5677,
0.3154


■ 45.5046, 0.3139,
0.3288

■ 10.3247, 0.6038,
0.3191


■ 53.9585, 0.3012,
0.3312

 9.8702, 0.6271,
0.3228

 63.4792, 0.2908,
0.3334

 74.1020, 0.2824,
0.3354

 85.8608, 0.2755,
0.3372

 88.5615, 0.2706,
0.3289

Harmonies

Analogous

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



21.5770, 0.3538, 0.2783



21.5770, 0.4035, 0.3177



21.5770, 0.4262, 0.3620

Triad

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



21.5770, 0.4035, 0.3177



21.5770, 0.3214, 0.4269



21.5770, 0.2177, 0.2484

Complementary

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



21.5770, 0.4035, 0.3177



39.1847, 0.2624, 0.3412

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.



21.5770, 0.2111, 0.2797



21.5770, 0.4035, 0.3177



21.5770, 0.2676, 0.3885

Square

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



21.5770, 0.4035, 0.3177



21.5770, 0.3755, 0.4299



21.5770, 0.2282, 0.3310



21.5770, 0.2470, 0.2394

Rectangle

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



21.5770, 0.4035, 0.3177



21.5770, 0.4222, 0.3904



21.5770, 0.2282, 0.3310



21.5770, 0.2129, 0.2563

Sweetspot

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



21.5781, 0.4035, 0.3177



66.5801, 0.3321, 0.3258



22.6651, 0.3074, 0.2271



14.0586, 0.3345, 0.3254



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.



21.5781, 0.4035, 0.3177



32.6088, 0.4352, 0.3155



28.3149, 0.3976, 0.3701



8.5197, 0.3271, 0.3266



6.8112, 0.6251, 0.3217



0.2191, 0.5742, 0.2937

Inverse Universe

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



21.5781, 0.4035, 0.3177



32.6088, 0.4352, 0.3155



29.1234, 0.2503, 0.2832



8.5197, 0.3271, 0.3266



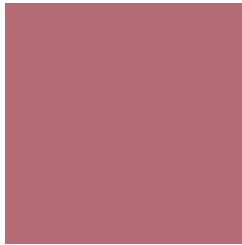
6.8112, 0.6251, 0.3217



0.2191, 0.5742, 0.2937

Previews

White Background



This preview shows how the Yxy color 21.5770, 0.4035, 0.3177 looks on a white background.

Color Contrast Check

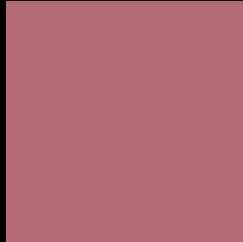
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.5770, 0.4035, 0.3177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

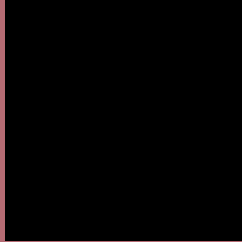
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 21.5770, 0.4035, 0.3177

Background



This preview shows how black text looks on a background with the Yxy color 21.5770, 0.4035, 0.3177.



This preview shows how white text looks on a background with the Yxy color 21.5770, 0.4035, 0.3177.

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

21.5770, 0.4035, 0.3177

Protanopia

21.7700, 0.3185, 0.3326

Deuteranopia

21.7882, 0.3557, 0.3496



Tritanopia

21.5770, 0.4035, 0.3177

Trichromacy



Original Color

21.5770, 0.4035, 0.3177

Protanomaly

21.2276, 0.3472, 0.3257

Deuteranomaly

21.5200, 0.3724, 0.3373

Tritanomaly

21.5770, 0.4035, 0.3177

Monochromacy



Original Color

21.5770, 0.4035, 0.3177

Achromatopsia

22.3228, 0.3127, 0.3290

Achromatomaly

21.7893, 0.3429, 0.3241

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.5770, 0.4035, 0.3177 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, 107, 115)` looks like.

```
.text, #text, p{  
    color:rgb(181, 107, 115)  
}
```

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, 107, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 107, 115) }
```

Border

The CSS property to change the border of an element to Yxy 21.5770, 0.4035, 0.3177 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, 107, 115) }
```

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

```
.border{ border-color:rgb(181, 107, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 107, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 107, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 107, 115);  
box-shadow:4px 4px 4px 4px rgb(181, 107,  
115) }
```


Background

The CSS property to change the background color of an element to Yxy 21.5770, 0.4035, 0.3177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 107, 115) }
```

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

```
.background{ background-color: rgb(181,  
107, 115) }
```

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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