

Converting Colors

$Y_{xy}(21.8480, 0.4083, 0.3258)$

Have a look what the booklet for
Yxy(21.8480, 0.4083, 0.3258)
contains.

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Color

Yxy(21.9087, 0.4081, 0.3264)

Conversions

Conversions Part 1

Format	Color
Hex	B56D6F
RGB	181, 109, 111
RGB Percent	71%, 43%, 44%
CMY	0.2902, 0.5725, 0.5647
CMYK	0.00, 0.40, 0.39, 0.29
HSL	358°, 33%, 57%
HSV	358°, 40%, 71%
XYZ	27.3926, 21.9087, 17.8210
YIQ	130.7560, 42.2700, 15.8860

Conversions

Conversions Part 2

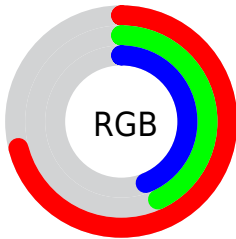
Format	Color
RYB	181, 109, 111
Decimal	11890031
CIELab	53.93, 28.85, 11.17
CIElCh	54, 30.933, 21.164
Yxy	21.9087, 0.4081, 0.3264
Android (android.graphics.Color)	4290080111 (0xFFB56D6F)
YUV	130.7560, -9.7397, 44.0640
Hunter-Lab	46.8067, 22.5513, 10.1909

Details

The Yxy color **21.9087, 0.4081, 0.3264** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **39.5527, 0.2599, 0.3319**, and the grayscale version is **22.6300, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.4848, 0.3865, 0.3270**, and **8.0262, 0.4481, 0.3235** is the 20% darker color. If you saturate the color by 10%, you get **18.0870, 0.4465, 0.3259**, and if you desaturate by 10%, it is **26.6040, 0.3761, 0.3270**.

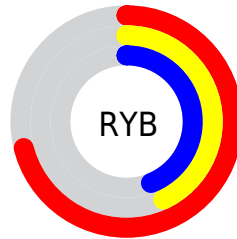
Distribution



Red (71%)

Green (43%)

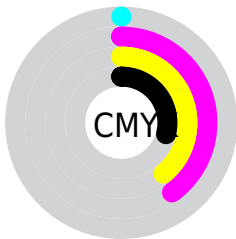
Blue (44%)



Red (71%)

Yellow (43%)

Blue (44%)

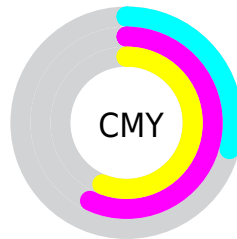


Cyan (0%)

Magenta (40%)

Yellow (39%)

Black (29%)



Cyan (29%)

Magenta (57%)

Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 21.9087, 0.4081, 0.3264 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 21.9087, 0.4081, 0.3264 by changing the saturation by 10% instead.


 21.9087, 0.4081,
0.3264


 21.9087, 0.4081,
0.3264


262.0691, 0.3540,
0.3293


 13.7898, 0.4242,
0.3249


 46.5951, 0.3866,
0.3280


 7.9746, 0.4466,
0.3222


 63.9313, 0.3791,
0.3284

 4.0787, 0.4798,
0.3171

 85.1088, 0.3730,
0.3287

 1.7177, 0.5334,
0.3064

 110.5120, 0.3679,
0.3289

 0.4351, 0.7253,
0.2747

140.5252, 0.3636,
0.3291

 0.0000, 1.0000,
0.0000

175.5329, 0.3599,

 0.0000, 0.0000,

0.3292

0.0000

215.9194, 0.3567,
0.3292

■ 21.9087, 0.4081,
0.3264

■ 21.9087, 0.4081,
0.3264

■ 18.0870, 0.4465,
0.3259

■ 26.6040, 0.3761,
0.3270

■ 15.0821, 0.4906,
0.3256

■ 32.2188, 0.3501,
0.3277

■ 12.8355, 0.5374,
0.3258


■ 38.7997, 0.3291,
0.3284

■ 11.2794, 0.5816,
0.3264


■ 46.3890, 0.3124,
0.3290


■ 10.3343, 0.6160,
0.3276

■ 55.0267, 0.2989,
0.3296


 9.8439, 0.6367,
0.3283

 64.7506, 0.2880,
0.3301

 9.8341, 0.6371,
0.3283

 75.5964, 0.2792,
0.3306

 87.5985, 0.2720,
0.3310

 88.5631, 0.2706,
0.3289

Harmonies

Analogous

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



21.9087, 0.3636, 0.2863



21.9087, 0.4081, 0.3264



21.9087, 0.4239, 0.3698

Triad

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



21.9087, 0.4081, 0.3264



21.9087, 0.3106, 0.4195



21.9087, 0.2237, 0.2469

Complementary

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



21.9087, 0.4081, 0.3264



39.5527, 0.2599, 0.3319

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.



21.9087, 0.2128, 0.2733



21.9087, 0.4081, 0.3264



21.9087, 0.2598, 0.3767

Square

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



21.9087, 0.4081, 0.3264



21.9087, 0.3645, 0.4295



21.9087, 0.2250, 0.3202



21.9087, 0.2565, 0.2420

Rectangle

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



21.9087, 0.4081, 0.3264



21.9087, 0.4158, 0.3967



21.9087, 0.2250, 0.3202



21.9087, 0.2175, 0.2532

Sweetspot

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



21.9098, 0.4081, 0.3264



66.4687, 0.3338, 0.3282



23.8107, 0.3145, 0.2318



14.0325, 0.3364, 0.3281



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.



21.9098, 0.4081, 0.3264



32.9943, 0.4425, 0.3259



30.4532, 0.3912, 0.3773



8.5089, 0.3283, 0.3284



6.7815, 0.6364, 0.3280



0.2146, 0.6214, 0.3197

Inverse Universe

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



21.9098, 0.4081, 0.3264



32.9943, 0.4425, 0.3259



27.5803, 0.2503, 0.2746



8.5089, 0.3283, 0.3284



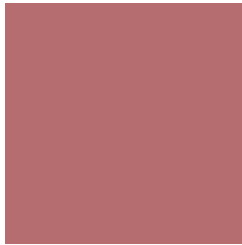
6.7815, 0.6364, 0.3280



0.2146, 0.6214, 0.3197

Previews

White Background



This preview shows how the Yxy color 21.9087, 0.4081, 0.3264 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 21.9087, 0.4081, 0.3264 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

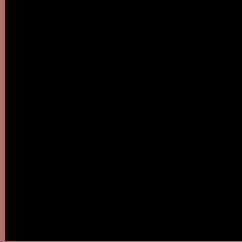
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 21.9087, 0.4081, 0.3264

Background



This preview shows how black text looks on a background with the Yxy color 21.9087, 0.4081, 0.3264.



This preview shows how white text looks on a background with the Yxy color 21.9087, 0.4081, 0.3264.

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

21.9087, 0.4081, 0.3264

Protanopia

22.1493, 0.3275, 0.3432

Deuteranopia

21.8876, 0.3631, 0.3563



Tritanopia

21.8098, 0.4016, 0.3176

Trichromacy



Original Color

21.9087, 0.4081, 0.3264

Protanomaly

21.7827, 0.3553, 0.3375

Deuteranomaly

21.8748, 0.3797, 0.3453

Tritanomaly

21.7638, 0.4044, 0.3206

Monochromacy



Original Color

21.9087, 0.4081, 0.3264

Achromatopsia

22.6966, 0.3127, 0.3290

Achromatomaly

22.0107, 0.3439, 0.3274

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.9087, 0.4081, 0.3264 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, 109, 111)` looks like.

```
.text, #text, p{  
    color:rgb(181, 109, 111)  
}
```

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, 109, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 109, 111) }
```

Border

The CSS property to change the border of an element to Yxy 21.9087, 0.4081, 0.3264 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, 109, 111) }
```

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

```
.border{ border-color:rgb(181, 109, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 109, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 109, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 109, 111);  
box-shadow:4px 4px 4px 4px rgb(181, 109,  
111) }
```


Background

The CSS property to change the background color of an element to Yxy 21.9087, 0.4081, 0.3264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 109, 111) }
```

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

```
.background{ background-color: rgb(181,  
109, 111) }
```

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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