

Converting Colors

$Yxy(25.8930, 0.4072, 0.3367)$

Have a look what the booklet for
Yxy(25.8930, 0.4072, 0.3367)
contains.

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Color

Yxy(25.9889, 0.4081, 0.3376)

Conversions

Conversions Part 1

Format	Color
Hex	BF7973
RGB	191, 121, 115
RGB Percent	75%, 47%, 45%
CMY	0.2510, 0.5255, 0.5491
CMYK	0.00, 0.37, 0.40, 0.25
HSL	5°, 37%, 60%
HSV	5°, 40%, 75%
XYZ	31.4161, 25.9889, 19.5764
YIQ	141.2460, 43.6460, 12.9740

Conversions

Conversions Part 2

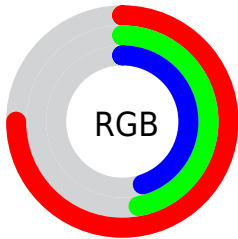
Format	Color
RYB	191, 122, 115
Decimal	12548467
CIELab	58.03, 26.63, 14.75
CIElCh	58, 30.440, 28.986
Yxy	25.9889, 0.4081, 0.3376
Android (android.graphics.Color)	4290738547 (0xFFBF7973)
YUV	141.2460, -12.9393, 43.6343
Hunter-Lab	50.9793, 20.7871, 12.9178

Details

The Yxy color **25.9889, 0.4081, 0.3376** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **42.0920, 0.2571, 0.3200**, and the grayscale version is **26.7770, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.2019, 0.3872, 0.3368**, and **10.0626, 0.4438, 0.3368** is the 20% darker color. If you saturate the color by 10%, you get **21.7030, 0.4457, 0.3396**, and if you desaturate by 10%, it is **31.1477, 0.3765, 0.3354**.

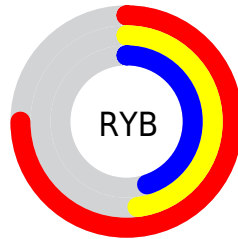
Distribution



Red (75%)

Green (47%)

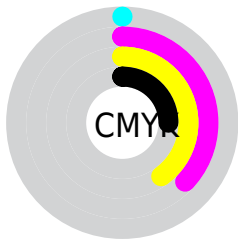
Blue (45%)



Red (75%)

Yellow (48%)

Blue (45%)

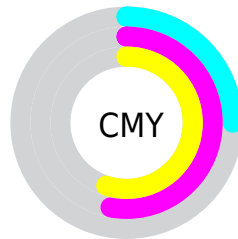


Cyan (0%)

Magenta (37%)

Yellow (40%)

Black (25%)



Cyan (25%)


Magenta (53%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.9889, 0.4081, 0.3376 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 25.9889, 0.4081, 0.3376 by changing the saturation by 10% instead.


 25.9889, 0.4081,
0.3376

 25.9889, 0.4081,
0.3376


282.7276, 0.3553,
0.3345


 16.8153, 0.4232,
0.3377


 53.2570, 0.3876,
0.3369

 10.1029, 0.4437,
0.3373


 72.1204, 0.3803,
0.3365

 5.4672, 0.4731,
0.3357

 94.9825, 0.3743,
0.3361

 2.5239, 0.5184,
0.3306

122.2277, 0.3692,
0.3358

 0.8886, 0.6538,
0.3462

154.2404, 0.3649,
0.3354

 0.0000, 1.0000,
0.0000


191.4050, 0.3613,


 0.0000, 0.0000,


0.3351

0.0000


234.1060, 0.3581,
0.3348


 25.9889, 0.4081,
0.3376

 25.9889, 0.4081,
0.3376


 21.7030, 0.4457,
0.3396

 31.1477, 0.3765,
0.3354

 18.2380, 0.4885,
0.3409


 37.2198, 0.3506,
0.3331


 15.5425, 0.5340,
0.3413

 44.2479, 0.3295,
0.3310

 13.5578, 0.5774,
0.3401


 52.2708, 0.3124,
0.3290


 12.2164, 0.6120,
0.3375


 61.3251, 0.2985,
0.3271

 11.4322, 0.6340,
0.3345

 71.4456, 0.2872,
0.3255

 11.4210, 0.6343,
0.3345

 82.6655, 0.2779,
0.3240

 89.8156, 0.2757,
0.3289

Harmonies

Analogous

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



25.9889, 0.3727, 0.2983



25.9889, 0.4081, 0.3376



25.9889, 0.4148, 0.3779

Triad

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



25.9889, 0.4081, 0.3376



25.9889, 0.2979, 0.4048



25.9889, 0.2356, 0.2491

Complementary

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



25.9889, 0.4081, 0.3376



42.0920, 0.2571, 0.3200

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.



25.9889, 0.2197, 0.2689



25.9889, 0.4081, 0.3376



25.9889, 0.2532, 0.3599

Square

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



25.9889, 0.4081, 0.3376



25.9889, 0.3488, 0.4230



25.9889, 0.2256, 0.3083



25.9889, 0.2714, 0.2493

Rectangle

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



25.9889, 0.4081, 0.3376



25.9889, 0.4026, 0.4012



25.9889, 0.2256, 0.3083



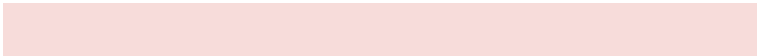
25.9889, 0.2279, 0.2534

Sweetspot

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



25.9902, 0.4081, 0.3376



76.0790, 0.3341, 0.3315



26.8765, 0.3227, 0.2378



16.3312, 0.3368, 0.3318



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



25.9902, 0.4081, 0.3376



39.5977, 0.4415, 0.3394



36.7868, 0.3876, 0.3873



9.6546, 0.3286, 0.3309



7.5551, 0.6331, 0.3355



0.3378, 0.6087, 0.3549

Inverse Universe

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



42.0920, 0.2571, 0.3200



72.4913, 0.2472, 0.3177



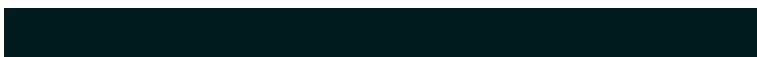
28.5614, 0.2482, 0.2621



10.6767, 0.2985, 0.3271



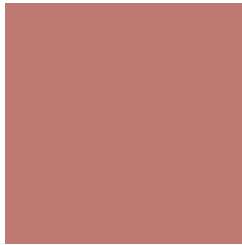
22.8992, 0.2179, 0.3043



0.9357, 0.2196, 0.3107

Previews

White Background



This preview shows how the Yxy color 25.9889, 0.4081, 0.3376 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 25.9889, 0.4081, 0.3376 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

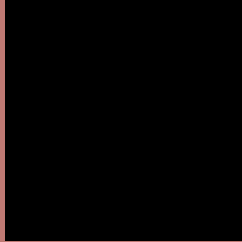
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.9889, 0.4081, 0.3376

Background



This preview shows how black text looks on a background with the Yxy color 25.9889, 0.4081, 0.3376.



This preview shows how white text looks on a background with the Yxy color 25.9889, 0.4081, 0.3376.

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

25.9889, 0.4081, 0.3376

Protanopia

26.0315, 0.3362, 0.3539

Deuteranopia

26.0290, 0.3702, 0.3621



Tritanopia

25.9586, 0.3934, 0.3169

Trichromacy



Original Color

25.9889, 0.4081, 0.3376

Protanomaly

25.5644, 0.3605, 0.3465

Deuteranomaly

25.7997, 0.3834, 0.3518

Tritanomaly

26.0695, 0.3995, 0.3251

Monochromacy



Original Color

25.9889, 0.4081, 0.3376

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

26.0871, 0.3437, 0.3322

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.9889, 0.4081, 0.3376 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(191, 121, 115)` looks like.

```
.text, #text, p{  
    color:rgb(191, 121, 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(191, 121, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 121, 115) }
```

Border

The CSS property to change the border of an element to Yxy 25.9889, 0.4081, 0.3376 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(191, 121, 115) }
```

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

```
.border{ border-color:rgb(191, 121, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 121, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 121, 115); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 121, 115); box-shadow:4px 4px 4px 4px rgb(191, 121, 115) }
```


Background

The CSS property to change the background color of an element to Yxy 25.9889, 0.4081, 0.3376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 121, 115) }
```

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

```
.background{ background-color: rgb(191,  
121, 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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