

Converting Colors

$Y_{xy}(27.8332, 0.3971, 0.3484)$

Have a look what the booklet for
Yxy(27.8332, 0.3971, 0.3484)
contains.

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Color

Yxy(27.7910, 0.3971, 0.3490)

Conversions

Conversions Part 1

Format	Color
Hex	BB8274
RGB	187, 130, 116
RGB Percent	73%, 51%, 45%
CMY	0.2668, 0.4901, 0.5451
CMYK	0.00, 0.30, 0.38, 0.27
HSL	12°, 34%, 59%
HSV	12°, 38%, 73%
XYZ	31.6212, 27.7910, 20.2182
YIQ	145.4470, 38.4660, 7.7300

Conversions

Conversions Part 2

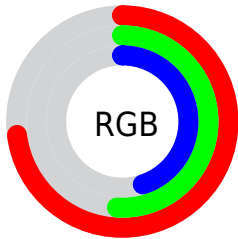
Format	Color
R_{YB}	187, 133, 116
Decimal	12288628
CIE _{Lab}	59.70, 20.17, 16.42
CIE _{LCh}	60, 26.003, 39.144
Yxy	27.7910, 0.3971, 0.3490
Android (android.graphics.Color)	4290478708 (0xFFBB8274)
YUV	145.4470, -14.5174, 36.4420
Hunter-Lab	52.7172, 14.8142, 14.1630

Details

The Yxy color $27.7910, 0.3971, 0.3490$ is a dark color, and the websafe version is hex `CC9999`. A complement of this color would be $37.1595, 0.2575, 0.3077$, and the grayscale version is $28.5555, 0.3127, 0.3290$.

A 20% lighter version of the original color is $56.1066, 0.3797, 0.3455$, and $11.0602, 0.4279, 0.3524$ is the 20% darker color. If you saturate the color by 10%, you get $23.6955, 0.4302, 0.3541$, and if you desaturate by 10%, it is $32.5585, 0.3689, 0.3435$.

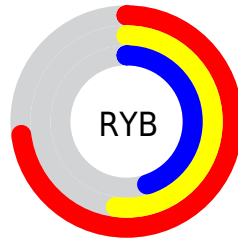
Distribution



Red (73%)

Green (51%)

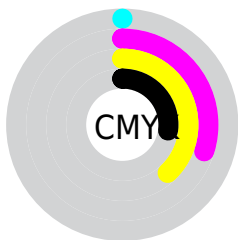
Blue (45%)



Red (73%)

Yellow (52%)

Blue (45%)

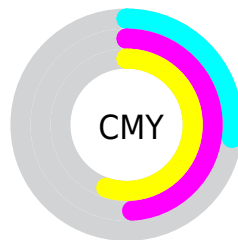


Cyan (0%)

Magenta (30%)

Yellow (38%)

Black (27%)



Cyan (27%)


Magenta (49%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.7910, 0.3971, 0.3490 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 27.7910, 0.3971, 0.3490 by changing the saturation by 10% instead.


 27.7910, 0.3971,
0.3490


 27.7910, 0.3971,
0.3490


291.4669, 0.3509,
0.3396


 18.1682, 0.4101,
0.3510

 56.1506, 0.3793,
0.3458

 11.0708, 0.4276,
0.3532


 75.6561, 0.3729,
0.3445

 6.1145, 0.4526,
0.3554

 99.2247, 0.3676,
0.3434

 2.9148, 0.4904,
0.3566

127.2407, 0.3632,
0.3424

 1.0874, 0.6062,
0.3862

160.0886, 0.3594,
0.3416

 0.0000, 1.0000,
0.0000

198.1526, 0.3562,

 0.0000, 0.0000,

0.3408

0.0000

241.8172, 0.3533,
0.3402

■ 27.7910, 0.3971,
0.3490

■ 27.7910, 0.3971,
0.3490

■ 23.6955, 0.4302,
0.3541

■ 32.5585, 0.3689,
0.3435

■ 20.2376, 0.4679,
0.3581

■ 38.0224, 0.3454,
0.3381

■ 17.3860, 0.5087,
0.3603

■ 44.2108, 0.3258,
0.3329


■ 15.1049, 0.5495,
0.3596


■ 51.1488, 0.3097,
0.3280

■ 13.3546, 0.5858,
0.3556


■ 58.8607, 0.2963,
0.3236


 12.0875, 0.6133,
0.3486

 67.3695, 0.2851,
0.3195

 11.8808, 0.6182,
0.3473

 76.6971, 0.2758,
0.3159

 86.1656, 0.2731,
0.3236

 89.3000, 0.2736,
0.3289

Harmonies

Analogous

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



27.7910, 0.3749, 0.3143



27.7910, 0.3971, 0.3490



27.7910, 0.3945, 0.3816

Triad

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



27.7910, 0.3971, 0.3490



27.7910, 0.2869, 0.3807



27.7910, 0.2562, 0.2595

Complementary

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



27.7910, 0.3971, 0.3490



37.1595, 0.2575, 0.3077

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.



27.7910, 0.2363, 0.2711



27.7910, 0.3971, 0.3490



27.7910, 0.2529, 0.3403

Square

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



27.7910, 0.3971, 0.3490



27.7910, 0.3293, 0.4045



27.7910, 0.2351, 0.2995



27.7910, 0.2916, 0.2648

Rectangle

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



27.7910, 0.3971, 0.3490



27.7910, 0.3796, 0.3979



27.7910, 0.2351, 0.2995



27.7910, 0.2476, 0.2614

Sweetspot

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



27.7923, 0.3971, 0.3490



75.5035, 0.3317, 0.3345



26.1033, 0.3313, 0.2517



16.2906, 0.3343, 0.3352



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



27.7923, 0.3971, 0.3490



43.2872, 0.4259, 0.3535



38.5468, 0.3793, 0.3951



9.8336, 0.3284, 0.3336



8.2727, 0.6163, 0.3488



0.4165, 0.5713, 0.3845

Inverse Universe

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



37.1595, 0.2575, 0.3077



62.5379, 0.2464, 0.3019



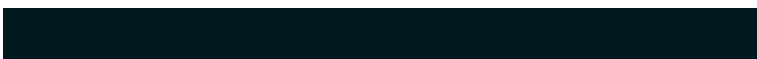
25.6099, 0.2494, 0.2522



10.4803, 0.2985, 0.3244



17.6104, 0.2070, 0.2651



0.7730, 0.2117, 0.2821

Previews

White Background



This preview shows how the Yxy color 27.7910, 0.3971, 0.3490 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 27.7910, 0.3971, 0.3490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

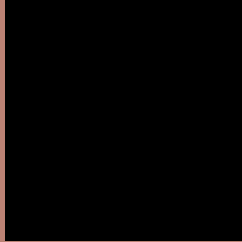
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.7910, 0.3971, 0.3490

Background



This preview shows how black text looks on a background with the Yxy color 27.7910, 0.3971, 0.3490.



This preview shows how white text looks on a background with the Yxy color 27.7910, 0.3971, 0.3490.

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

27.7910, 0.3971, 0.3490

Protanopia

28.0520, 0.3428, 0.3629

Deuteranopia

27.7167, 0.3732, 0.3658



Tritanopia

27.8037, 0.3752, 0.3153

Trichromacy



Original Color

27.7910, 0.3971, 0.3490

Protanomaly

27.8206, 0.3625, 0.3584

Deuteranomaly

27.6797, 0.3817, 0.3589

Tritanomaly

27.7147, 0.3835, 0.3278

Monochromacy



Original Color

27.7910, 0.3971, 0.3490

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

27.9510, 0.3412, 0.3384

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.7910, 0.3971, 0.3490 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(187, 130, 116)` looks like.

```
.text, #text, p{  
    color:rgb(187, 130, 116)  
}
```

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(187, 130, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 130, 116) }
```

Border

The CSS property to change the border of an element to Yxy 27.7910, 0.3971, 0.3490 is called "border". The border property can be set on classes, ids or directly on the HTML element.

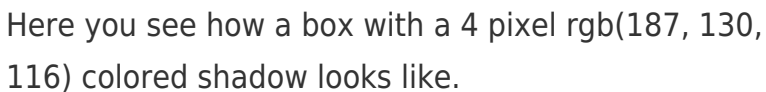
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(187, 130, 116) }
```

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

```
.border{ border-color:rgb(187, 130, 116) }
```

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



Here you see how a box with a 4 pixel `rgb(187, 130, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 130, 116); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 130, 116); box-shadow:4px 4px 4px 4px rgb(187, 130, 116) }
```


Background

The CSS property to change the background color of an element to Yxy 27.7910, 0.3971, 0.3490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 130, 116) }
```

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

```
.background{ background-color: rgb(187,  
130, 116) }
```

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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