

Converting Colors

$Y_{xy}(28.2794, 0.4030, 0.3500)$

Have a look what the booklet for
Yxy(28.2794, 0.4030, 0.3500)
contains.

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Color

Yxy(28.2794, 0.4030, 0.3500)

Conversions

Conversions Part 1

Format	Color
Hex	BF8273
RGB	191, 130, 115
RGB Percent	75%, 51%, 45%
CMY	0.2510, 0.4902, 0.5491
CMYK	0.00, 0.32, 0.40, 0.25
HSL	12°, 37%, 60%
HSV	12°, 40%, 75%
XYZ	32.5617, 28.2794, 19.9572
YIQ	146.5290, 41.1710, 8.2670

Conversions

Conversions Part 2

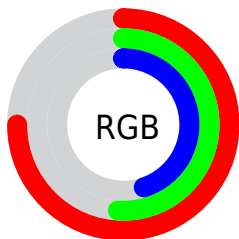
Format	Color
R_{YB}	191, 134, 115
Decimal	12550771
CIE _{Lab}	60.14, 21.67, 17.67
CIE _{LCh}	60, 27.958, 39.194
Yxy	28.2794, 0.4030, 0.3500
Android (android.graphics.Color)	4290740851 (0xFFBF8273)
YUV	146.5290, -15.5438, 39.0011
Hunter-Lab	53.1784, 16.2354, 14.9741

Details

The Yxy color **28.2794, 0.4030, 0.3500** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **38.4460, 0.2550, 0.3064**, and the grayscale version is **29.0260, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.7967, 0.3841, 0.3464**, and **11.2935, 0.4346, 0.3537** is the 20% darker color. If you saturate the color by 10%, you get **24.1076, 0.4371, 0.3549**, and if you desaturate by 10%, it is **33.1522, 0.3739, 0.3446**.

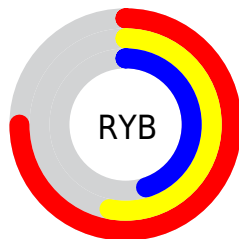
Distribution



Red (75%)

Green (51%)

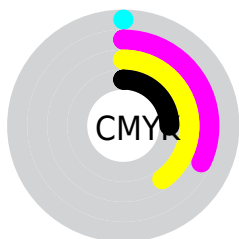
Blue (45%)



Red (75%)

Yellow (53%)

Blue (45%)

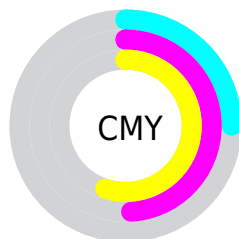


Cyan (0%)

Magenta (32%)

Yellow (40%)

Black (25%)



Cyan (25%)


Magenta (49%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.2794, 0.4030, 0.3500 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 28.2794, 0.4030, 0.3500 by changing the saturation by 10% instead.

 28.2794, 0.4030,
0.3500


 28.2794, 0.4030,
0.3500


293.7996, 0.3537,
0.3403


 18.5364, 0.4168,
0.3520


 56.9302, 0.3840,
0.3467

 11.3358, 0.4353,
0.3541


 76.6068, 0.3772,
0.3454

 6.2931, 0.4615,
0.3560


 100.3633, 0.3716,
0.3443

 3.0241, 0.5008,
0.3565

128.5843, 0.3669,
0.3433

 1.1444, 0.6170,
0.3830

161.6540, 0.3628,
0.3424

 0.0155, 0.9722,
0.0278

199.9568, 0.3593,

 0.0000, 0.0000,

0.3416

0.0000

243.8772, 0.3563,
0.3409

■ 28.2794, 0.4030,
0.3500

■ 28.2794, 0.4030,
0.3500

■ 24.1076, 0.4371,
0.3549

■ 33.1522, 0.3739,
0.3446

■ 20.6004, 0.4756,
0.3587

■ 38.7522, 0.3495,
0.3391

■ 17.7240, 0.5167,
0.3604


■ 45.1093, 0.3292,
0.3338


■ 15.4401, 0.5571,
0.3591

■ 52.2504, 0.3124,
0.3289

■ 13.7059, 0.5920,
0.3543

■ 60.2011, 0.2985,
0.3244


 12.4668, 0.6179,
0.3473

 68.9858, 0.2870,
0.3202

 12.4461, 0.6184,
0.3472

 78.6279, 0.2773,
0.3165

 88.2989, 0.2755,
0.3264

 89.8160, 0.2757,
0.3289

Harmonies

Analogous

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



28.2794, 0.3793, 0.3132



28.2794, 0.4030, 0.3500



28.2794, 0.4000, 0.3848

Triad

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



28.2794, 0.4030, 0.3500



28.2794, 0.2849, 0.3845



28.2794, 0.2525, 0.2551

Complementary

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



28.2794, 0.4030, 0.3500



38.4460, 0.2550, 0.3064

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.



28.2794, 0.2315, 0.2671



28.2794, 0.4030, 0.3500



28.2794, 0.2489, 0.3408

Square

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



28.2794, 0.4030, 0.3500



28.2794, 0.3301, 0.4100



28.2794, 0.2301, 0.2972



28.2794, 0.2901, 0.2608

Rectangle

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



28.2794, 0.4030, 0.3500



28.2794, 0.3839, 0.4025



28.2794, 0.2301, 0.2972



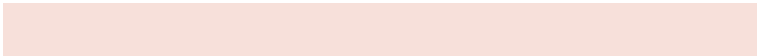
28.2794, 0.2435, 0.2571

Sweetspot

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



28.2808, 0.4030, 0.3500



77.9437, 0.3337, 0.3351



26.5109, 0.3325, 0.2479



16.7776, 0.3363, 0.3358



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.



28.2808, 0.4030, 0.3500



43.8974, 0.4333, 0.3545



39.9240, 0.3831, 0.3984



9.8335, 0.3284, 0.3336



8.2721, 0.6163, 0.3488



0.4164, 0.5714, 0.3845

Inverse Universe

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



38.4460, 0.2550, 0.3064



64.6243, 0.2439, 0.3005



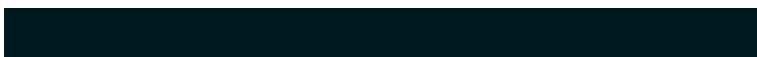
25.8867, 0.2460, 0.2477



10.4804, 0.2985, 0.3244



17.6132, 0.2070, 0.2651



0.7731, 0.2117, 0.2821

Previews

White Background



This preview shows how the Yxy color 28.2794, 0.4030, 0.3500 looks on a white background.

Color Contrast Check

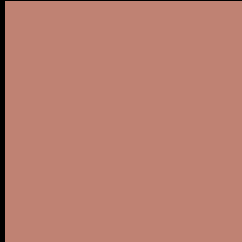
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.2794, 0.4030, 0.3500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

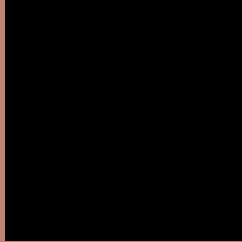
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.2794, 0.4030, 0.3500

Background



This preview shows how black text looks on a background with the Yxy color 28.2794, 0.4030, 0.3500.



This preview shows how white text looks on a background with the Yxy color 28.2794, 0.4030, 0.3500.

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

28.2794, 0.4030, 0.3500

Protanopia

28.4282, 0.3446, 0.3659

Deuteranopia

28.2035, 0.3761, 0.3685



Tritanopia

28.2938, 0.3811, 0.3169

Trichromacy



Original Color

28.2794, 0.4030, 0.3500

Protanomaly

28.3036, 0.3656, 0.3612

Deuteranomaly

28.2882, 0.3858, 0.3614

Tritanomaly

28.2033, 0.3894, 0.3292

Monochromacy



Original Color

28.2794, 0.4030, 0.3500

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

28.5856, 0.3432, 0.3383

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.2794, 0.4030, 0.3500 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, 130, 115)` looks like.

```
.text, #text, p{  
    color:rgb(191, 130, 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, 130, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 130, 115) }
```

Border

The CSS property to change the border of an element to Yxy 28.2794, 0.4030, 0.3500 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, 130, 115) }
```

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

```
.border{ border-color:rgb(191, 130, 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, 130, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 130, 115); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 130, 115); box-shadow:4px 4px 4px 4px rgb(191, 130, 115) }
```


Background

The CSS property to change the background color of an element to Yxy 28.2794, 0.4030, 0.3500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 130, 115) }
```

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

```
.background{ background-color: rgb(191,  
130, 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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