

Converting Colors

$Y_{xy}(28.8312, 0.4210, 0.3368)$

Have a look what the booklet for
Yxy(28.8312, 0.4210, 0.3368)
contains.

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Color

Yxy(28.9887, 0.4209, 0.3370)

Conversions

Conversions Part 1

Format	Color
Hex	CF7C76
RGB	207, 124, 118
RGB Percent	81%, 49%, 46%
CMY	0.1883, 0.5137, 0.5373
CMYK	0.00, 0.40, 0.43, 0.19
HSL	4°, 48%, 64%
HSV	4°, 43%, 81%
XYZ	36.2058, 28.9887, 20.8254
YIQ	148.1330, 51.3940, 15.7300

Conversions

Conversions Part 2

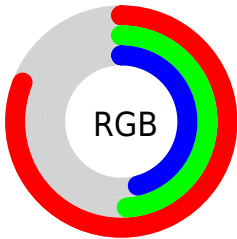
Format	Color
R_{YB}	207, 124, 118
Decimal	13597814
CIE _{Lab}	60.77, 31.54, 17.13
CIE _{LCh}	61, 35.892, 28.512
Yxy	28.9887, 0.4209, 0.3370
Android (android.graphics.Color)	4291787894 (0xFFCF7C76)
YUV	148.1330, -14.8556, 51.6264
Hunter-Lab	53.8412, 25.8112, 14.7558

Details

The Yxy color **28.9887, 0.4209, 0.3370** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **50.1108, 0.2534, 0.3206**, and the grayscale version is **29.7210, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.0031, 0.3884, 0.3376**, and **11.6913, 0.4595, 0.3344** is the 20% darker color. If you saturate the color by 10%, you get **24.1773, 0.4610, 0.3386**, and if you desaturate by 10%, it is **34.8574, 0.3868, 0.3351**.

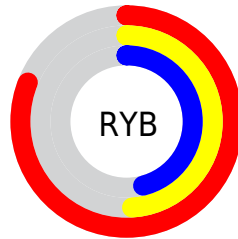
Distribution



Red (81%)

Green (49%)

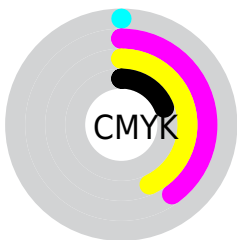
Blue (46%)



Red (81%)

Yellow (49%)

Blue (46%)

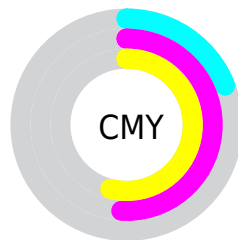


Cyan (0%)

Magenta (40%)

Yellow (43%)

Black (19%)



Cyan (19%)


Magenta (51%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.9887, 0.4209, 0.3370 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 28.9887, 0.4209, 0.3370 by changing the saturation by 10% instead.

 28.9887, 0.4209,
0.3370


 28.9887, 0.4209,
0.3370


297.1616, 0.3620,
0.3348


 19.0723, 0.4372,
0.3367


 58.0591, 0.3983,
0.3368

 11.7225, 0.4591,
0.3357


 77.9819, 0.3902,
0.3365

 6.5550, 0.4897,
0.3331


 102.0090, 0.3835,
0.3362

 3.1854, 0.5351,
0.3266

130.5246, 0.3778,
0.3359

 1.2293, 0.6446,
0.3285

163.9134, 0.3730,
0.3356

 0.0854, 0.9088,
0.0912

202.5595, 0.3688,

 0.0000, 0.0000,


0.3353

0.0000

246.8475, 0.3652,
0.3351

 28.9887, 0.4209,
0.3370


 28.9887, 0.4209,
0.3370


 24.1773, 0.4610,
0.3386


 34.8574, 0.3868,
0.3351


 20.3564, 0.5058,
0.3395


 41.8366, 0.3588,
0.3332


 17.4581, 0.5518,
0.3393


 49.9810, 0.3359,
0.3313

 15.4044, 0.5930,
0.3378

 59.3404, 0.3175,
0.3295

 14.1041, 0.6228,
0.3351

 69.9618, 0.3026,
0.3279

 13.5769, 0.6357,
0.3334

 81.8897, 0.2905,
0.3264

 92.0027, 0.2844,
0.3289

Harmonies

Analogous

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



28.9887, 0.3800, 0.2936



28.9887, 0.4209, 0.3370



28.9887, 0.4286, 0.3823

Triad

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



28.9887, 0.4209, 0.3370



28.9887, 0.2961, 0.4168



28.9887, 0.2256, 0.2393

Complementary

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



28.9887, 0.4209, 0.3370



50.1108, 0.2534, 0.3206

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.



28.9887, 0.2083, 0.2611



28.9887, 0.4209, 0.3370



28.9887, 0.2459, 0.3650

Square

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



28.9887, 0.4209, 0.3370



28.9887, 0.3536, 0.4364



28.9887, 0.2151, 0.3056



28.9887, 0.2650, 0.2396

Rectangle

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



28.9887, 0.4209, 0.3370



28.9887, 0.4146, 0.4091



28.9887, 0.2151, 0.3056



28.9887, 0.2172, 0.2440

Sweetspot

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



28.9901, 0.4209, 0.3370



79.8870, 0.3363, 0.3313



30.4382, 0.3236, 0.2304



16.4408, 0.3410, 0.3317



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



28.9901, 0.4209, 0.3370



39.0073, 0.4595, 0.3385



42.7318, 0.3955, 0.3923



11.9348, 0.3289, 0.3306



8.6061, 0.6346, 0.3343



0.5272, 0.6177, 0.3478

Inverse Universe

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



50.1108, 0.2534, 0.3206



77.3164, 0.2434, 0.3184



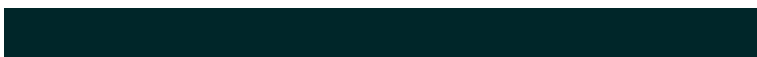
32.3197, 0.2425, 0.2551



13.2644, 0.2983, 0.3274



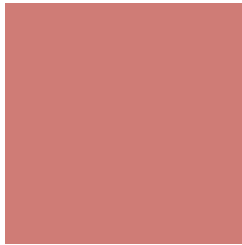
26.9234, 0.2189, 0.3079



1.5475, 0.2200, 0.3120

Previews

White Background



This preview shows how the Yxy color 28.9887, 0.4209, 0.3370 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 28.9887, 0.4209, 0.3370 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 28.9887, 0.4209, 0.3370

Background



This preview shows how black text looks on a background with the Yxy color 28.9887, 0.4209, 0.3370.



This preview shows how white text looks on a background with the Yxy color 28.9887, 0.4209, 0.3370.

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

28.9887, 0.4209, 0.3370

Protanopia

29.3224, 0.3380, 0.3575

Deuteranopia

29.0582, 0.3753, 0.3680



Tritanopia

28.9677, 0.4067, 0.3178

Trichromacy



Original Color

28.9887, 0.4209, 0.3370

Protanomaly

28.8301, 0.3662, 0.3500

Deuteranomaly

28.9032, 0.3922, 0.3562

Tritanomaly

29.0822, 0.4125, 0.3255

Monochromacy



Original Color

28.9887, 0.4209, 0.3370

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

28.7064, 0.3483, 0.3321

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.9887, 0.4209, 0.3370 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(207, 124, 118)` looks like.

```
.text, #text, p{  
    color:rgb(207, 124, 118)  
}
```

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(207, 124, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 124, 118) }
```

Border

The CSS property to change the border of an element to Yxy 28.9887, 0.4209, 0.3370 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(207, 124, 118) }
```

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

```
.border{ border-color:rgb(207, 124, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 124, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(207, 124, 118); -webkit-box-shadow:4px 4px 4px 4px rgb(207, 124, 118); box-shadow:4px 4px 4px 4px rgb(207, 124, 118) }
```


Background

The CSS property to change the background color of an element to Yxy 28.9887, 0.4209, 0.3370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 124, 118) }
```

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

```
.background{ background-color: rgb(207,  
124, 118) }
```

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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