

Converting Colors

Yxy(30.4097, 0.4120, 0.3394)

Have a look what the booklet for
Yxy(30.4097, 0.4120, 0.3394)
contains.

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Color

Yxy(30.4922, 0.4115, 0.3396)

Conversions

Conversions Part 1

Format	Color
Hex	CE827A
RGB	206, 130, 122
RGB Percent	81%, 51%, 48%
CMY	0.1922, 0.4902, 0.5216
CMYK	0.00, 0.37, 0.41, 0.19
HSL	6°, 46%, 64%
HSV	6°, 41%, 81%
XYZ	36.9480, 30.4922, 22.3484
YIQ	151.8120, 47.8640, 13.6240

Conversions

Conversions Part 2

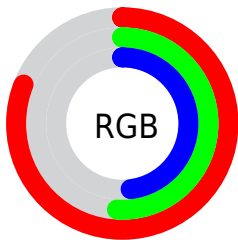
Format	Color
R _Y B	206, 131, 122
Decimal	13533818
CIE Lab	62.08, 28.37, 16.64
CIE LCh	62, 32.893, 30.388
Yxy	30.4922, 0.4115, 0.3396
Android (android.graphics.Color)	4291723898 (0xFFCE827A)
YUV	151.8120, -14.6973, 47.5229
Hunter-Lab	55.2197, 22.8013, 14.6581

Details

The Yxy color **30.4922, 0.4115, 0.3396** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **48.9734, 0.2554, 0.3178**, and the grayscale version is **31.3640, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.5970, 0.3827, 0.3397**, and **12.4626, 0.4467, 0.3396** is the 20% darker color. If you saturate the color by 10%, you get **25.5192, 0.4495, 0.3419**, and if you desaturate by 10%, it is **36.4741, 0.3794, 0.3370**.

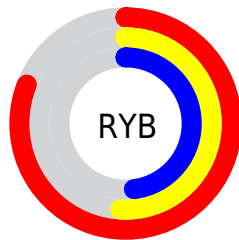
Distribution



Red (81%)

Green (51%)

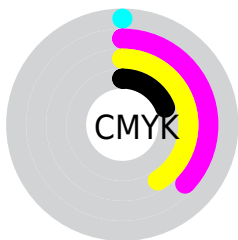
Blue (48%)



Red (81%)

Yellow (51%)

Blue (48%)

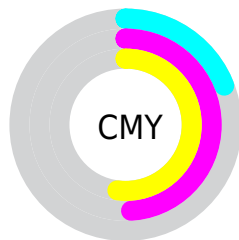


Cyan (0%)

Magenta (37%)

Yellow (41%)

Black (19%)



Cyan (19%)


Magenta (49%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.4922, 0.4115, 0.3396 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 30.4922, 0.4115, 0.3396 by changing the saturation by 10% instead.

 30.4922, 0.4115,
0.3396


 30.4922, 0.4115,
0.3396


304.1920, 0.3581,
0.3357

 20.2125, 0.4261,
0.3399


 60.4397, 0.3911,
0.3386

 12.5496, 0.4457,
0.3398


 80.8763, 0.3838,
0.3381

 7.1191, 0.4731,
0.3387


 105.4672, 0.3777,
0.3377

 3.5367, 0.5135,
0.3348

134.5970, 0.3725,
0.3372

 1.4179, 0.5972,
0.3340

168.6500, 0.3681,
0.3368

 0.2299, 0.7989,
0.2011

208.0105, 0.3643,


 0.0000, 0.0000,


0.3364


0.0000

253.0631, 0.3610,
0.3361


 30.4922, 0.4115,
0.3396


 30.4922, 0.4115,
0.3396


 25.5192, 0.4495,
0.3419


 36.4741, 0.3794,
0.3370


 21.4953, 0.4925,
0.3435

 43.5116, 0.3530,
0.3342


 18.3612, 0.5378,
0.3437

 51.6538, 0.3314,
0.3316

 16.0490, 0.5803,
0.3422


 60.9454, 0.3139,
0.3292

 14.4812, 0.6137,
0.3388

 71.4288, 0.2997,
0.3269

 13.6094, 0.6333,
0.3354

 83.1441, 0.2881,
0.3249

 91.8613, 0.2838,
0.3289

Harmonies

Analogous

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



30.4922, 0.3764, 0.2993



30.4922, 0.4115, 0.3396



30.4922, 0.4168, 0.3807

Triad

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



30.4922, 0.4115, 0.3396



30.4922, 0.2950, 0.4051



30.4922, 0.2351, 0.2469

Complementary

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



30.4922, 0.4115, 0.3396



48.9734, 0.2554, 0.3178

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.



30.4922, 0.2179, 0.2660



30.4922, 0.4115, 0.3396



30.4922, 0.2500, 0.3581

Square

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



30.4922, 0.4115, 0.3396



30.4922, 0.3471, 0.4252



30.4922, 0.2229, 0.3054



30.4922, 0.2725, 0.2481

Rectangle

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



30.4922, 0.4115, 0.3396



30.4922, 0.4033, 0.4042



30.4922, 0.2229, 0.3054



30.4922, 0.2270, 0.2509

Sweetspot

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



30.4937, 0.4115, 0.3396



81.7765, 0.3341, 0.3320



31.1623, 0.3244, 0.2367



17.1147, 0.3368, 0.3323



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.



30.4937, 0.4115, 0.3396



42.2102, 0.4447, 0.3417



43.6504, 0.3896, 0.3907



11.3829, 0.3288, 0.3313



8.4451, 0.6318, 0.3365



0.4961, 0.6079, 0.3555

Inverse Universe

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



48.9734, 0.2554, 0.3178



76.1187, 0.2456, 0.3150



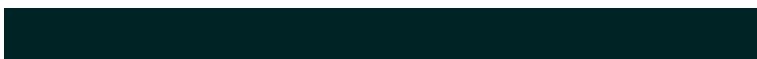
32.7055, 0.2459, 0.2576



12.5369, 0.2983, 0.3267



24.5367, 0.2164, 0.2990



1.3203, 0.2182, 0.3054

Previews

White Background



This preview shows how the Yxy color 30.4922, 0.4115, 0.3396 looks on a white background.

Color Contrast Check

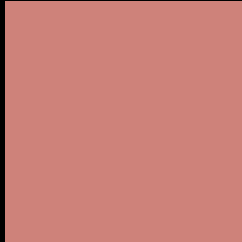
Large Text (above 18pt) WCAG AA × Fail

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 30.4922, 0.4115, 0.3396 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

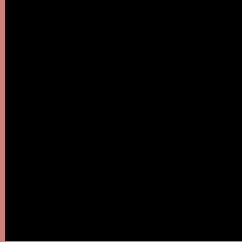
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.4922, 0.4115, 0.3396

Background



This preview shows how black text looks on a background with the Yxy color 30.4922, 0.4115, 0.3396.



This preview shows how white text looks on a background with the Yxy color 30.4922, 0.4115, 0.3396.

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

30.4922, 0.4115, 0.3396

Protanopia

30.6467, 0.3376, 0.3570

Deuteranopia

30.5085, 0.3741, 0.3658



Tritanopia

30.5099, 0.3954, 0.3177

Trichromacy



Original Color

30.4922, 0.4115, 0.3396

Protanomaly

30.3174, 0.3637, 0.3512

Deuteranomaly

30.3861, 0.3878, 0.3558

Tritanomaly

30.6319, 0.4010, 0.3254

Monochromacy



Original Color

30.4922, 0.4115, 0.3396

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

30.6403, 0.3461, 0.3335

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.4922, 0.4115, 0.3396 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(206, 130, 122)` looks like.

```
.text, #text, p{  
    color:rgb(206, 130, 122)  
}
```

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(206, 130, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 130, 122) }
```

Border

The CSS property to change the border of an element to Yxy 30.4922, 0.4115, 0.3396 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(206, 130, 122) }
```

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

```
.border{ border-color:rgb(206, 130, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 130, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 130, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 130, 122);  
box-shadow:4px 4px 4px 4px rgb(206, 130,  
122) }
```


Background

The CSS property to change the background color of an element to Yxy 30.4922, 0.4115, 0.3396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 130, 122) }
```

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

```
.background{ background-color: rgb(206,  
130, 122) }
```

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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