

Converting Colors

$Y_{xy}(29.2863, 0.4028, 0.3191)$

Have a look what the booklet for
Yxy(29.2863, 0.4028, 0.3191)
contains.

Yxy(29.2031, 0.4022, 0.3190)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(29.2031, 0.4022, 0.3190)

Conversions

Conversions Part 1

Format	Color
Hex	CE7C84
RGB	206, 124, 132
RGB Percent	81%, 49%, 52%
CMY	0.1923, 0.5136, 0.4824
CMYK	0.00, 0.40, 0.36, 0.19
HSL	354°, 46%, 65%
HSV	354°, 40%, 81%
XYZ	36.8197, 29.2031, 25.5230
YIQ	149.4300, 46.3040, 19.8720

Conversions

Conversions Part 2

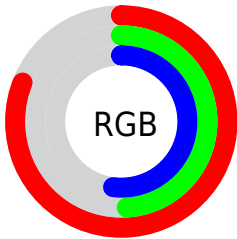
Format	Color
R _Y B	206, 124, 132
Decimal	13532292
CIE Lab	60.96, 32.76, 9.37
CIE LCh	61, 34.077, 15.967
Yxy	29.2031, 0.4022, 0.3190
Android (android.graphics.Color)	4291722372 (0xFFCE7C84)
YUV	149.4300, -8.5930, 49.6119
Hunter-Lab	54.0399, 27.0499, 9.8253

Details

The Yxy color **29.2031, 0.4022, 0.3190** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **52.4928, 0.2626, 0.3398**, and the grayscale version is **30.2691, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.6036, 0.3748, 0.3218**, and **11.7792, 0.4332, 0.3123** is the 20% darker color. If you saturate the color by 10%, you get **24.1044, 0.4382, 0.3168**, and if you desaturate by 10%, it is **35.4736, 0.3722, 0.3215**.

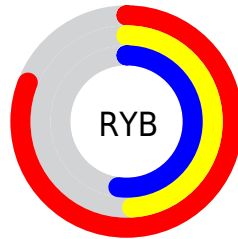
Distribution



Red (81%)

Green (49%)

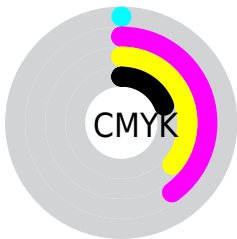
Blue (52%)



Red (81%)

Yellow (49%)

Blue (52%)

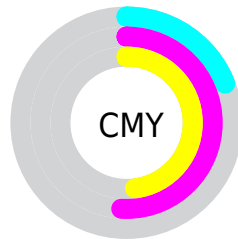


Cyan (0%)

Magenta (40%)

Yellow (36%)

Black (19%)



Cyan (19%)


Magenta (51%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.2031, 0.4022, 0.3190 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 29.2031, 0.4022, 0.3190 by changing the saturation by 10% instead.


 29.2031, 0.4022,
0.3190

 29.2031, 0.4022,
0.3190


298.1720, 0.3536,
0.3255

 19.2345, 0.4157,
0.3168


 58.3996, 0.3836,
0.3218

 11.8399, 0.4339,
0.3135


 78.3963, 0.3769,
0.3227

 6.6347, 0.4596,
0.3083


 102.5046, 0.3713,
0.3234

 3.2347, 0.4985,
0.2993

131.1087, 0.3666,
0.3240

 1.2555, 0.5668,
0.2831

164.5931, 0.3627,
0.3245

 0.1063, 0.8946,
0.1054


203.3422, 0.3592,


 0.0000, 0.0000,


0.3249


0.0000


247.7404, 0.3562,
0.3252

 29.2031, 0.4022,
0.3190


 29.2031, 0.4022,
0.3190


 24.1044, 0.4382,
0.3168


 35.4736, 0.3722,
0.3215


 20.1007, 0.4799,
0.3154


 42.9778, 0.3478,
0.3242


 17.1129, 0.5249,
0.3153

 51.7785, 0.3282,
0.3267

 15.0494, 0.5688,
0.3168

 61.9329, 0.3124,
0.3291

 13.8020, 0.6052,
0.3203

 73.4949, 0.2997,
0.3312

■ 13.1793, 0.6295,
0.3243

■ 86.5151, 0.2895,
0.3332

■ 13.1683, 0.6299,
0.3244

■ 91.8577, 0.2838,
0.3289

Harmonies

Analogous

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



29.2031, 0.3541, 0.2802



29.2031, 0.4022, 0.3190



29.2031, 0.4237, 0.3624

Triad

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



29.2031, 0.4022, 0.3190



29.2031, 0.3201, 0.4240



29.2031, 0.2201, 0.2498

Complementary

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



29.2031, 0.4022, 0.3190



52.4928, 0.2626, 0.3398

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.



29.2031, 0.2131, 0.2800



29.2031, 0.4022, 0.3190



29.2031, 0.2677, 0.3859

Square

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



29.2031, 0.4022, 0.3190



29.2031, 0.3732, 0.4279



29.2031, 0.2295, 0.3298



29.2031, 0.2493, 0.2413

Rectangle

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



29.2031, 0.4022, 0.3190



29.2031, 0.4193, 0.3901



29.2031, 0.2295, 0.3298



29.2031, 0.2152, 0.2574

Sweetspot

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



29.2045, 0.4022, 0.3190



80.3534, 0.3325, 0.3261



30.8513, 0.3090, 0.2293



16.7832, 0.3349, 0.3258



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.



29.2045, 0.4022, 0.3190



39.9548, 0.4336, 0.3171



38.6206, 0.3949, 0.3710



11.2311, 0.3275, 0.3268



8.1178, 0.6278, 0.3232



0.4250, 0.5925, 0.3038

Inverse Universe

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



29.2045, 0.4022, 0.3190



39.9548, 0.4336, 0.3171



38.7024, 0.2510, 0.2822



11.2311, 0.3275, 0.3268



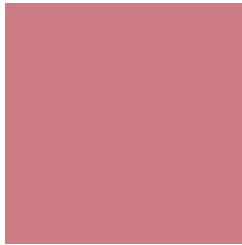
8.1178, 0.6278, 0.3232



0.4250, 0.5925, 0.3038

Previews

White Background



This preview shows how the Yxy color 29.2031, 0.4022, 0.3190 looks on a white background.

Color Contrast Check

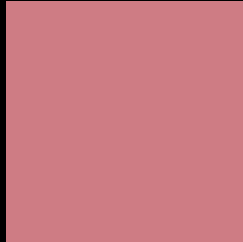
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.2031, 0.4022, 0.3190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

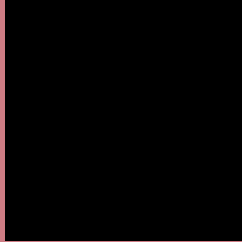
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.2031, 0.4022, 0.3190

Background



This preview shows how black text looks on a background with the Yxy color 29.2031, 0.4022, 0.3190.



This preview shows how white text looks on a background with the Yxy color 29.2031, 0.4022, 0.3190.

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

29.2031, 0.4022, 0.3190

Protanopia

29.4604, 0.3198, 0.3337

Deuteranopia

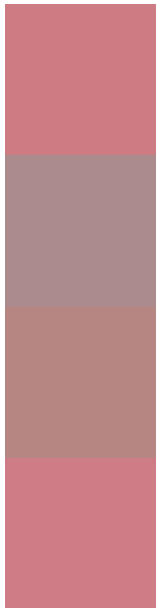
29.3660, 0.3562, 0.3487



Tritanopia

29.2306, 0.4010, 0.3177

Trichromacy



Original Color

29.2031, 0.4022, 0.3190

Protanomaly

29.0166, 0.3473, 0.3276

Deuteranomaly

28.8847, 0.3724, 0.3363

Tritanomaly

29.2306, 0.4010, 0.3177

Monochromacy



Original Color

29.2031, 0.4022, 0.3190

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

29.2854, 0.3427, 0.3246

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.2031, 0.4022, 0.3190 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, 124, 132)` looks like.

```
.text, #text, p{  
    color:rgb(206, 124, 132)  
}
```

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, 124, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 124, 132) }
```

Border

The CSS property to change the border of an element to Yxy 29.2031, 0.4022, 0.3190 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, 124, 132) }
```

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

```
.border{ border-color:rgb(206, 124, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 124, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 124, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 124, 132);  
box-shadow:4px 4px 4px 4px rgb(206, 124,  
132) }
```


Background

The CSS property to change the background color of an element to Yxy 29.2031, 0.4022, 0.3190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 124, 132) }
```

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

```
.background{ background-color: rgb(206,  
124, 132) }
```

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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