

Converting Colors

$Y_{xy}(29.2581, 0.4031, 0.3228)$

Have a look what the booklet for
Yxy(29.2581, 0.4031, 0.3228)
contains.

Yxy(29.2581, 0.4031, 0.3228)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(29.2581, 0.4031, 0.3228)

Conversions

Conversions Part 1

Format	Color
Hex	CD7D82
RGB	205, 125, 130
RGB Percent	80%, 49%, 51%
CMY	0.1962, 0.5097, 0.4902
CMYK	0.00, 0.39, 0.37, 0.20
HSL	356°, 44%, 65%
HSV	356°, 39%, 80%
XYZ	36.5364, 29.2581, 24.8440
YIQ	149.4900, 46.0750, 18.5150

Conversions

Conversions Part 2

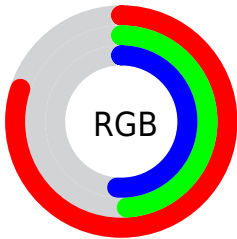
Format	Color
R _Y B	205, 125, 130
Decimal	13467010
CIE Lab	61.01, 31.62, 10.56
CIE LCh	61, 33.334, 18.470
Yxy	29.2581, 0.4031, 0.3228
Android (android.graphics.Color)	4291657090 (0xFFCD7D82)
YUV	149.4900, -9.6086, 48.6823
Hunter-Lab	54.0908, 25.9115, 10.6315

Details

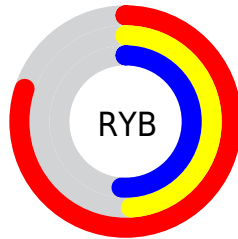
The Yxy color **29.2581, 0.4031, 0.3228** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **52.1843, 0.2619, 0.3357**, and the grayscale version is **30.3003, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.9191, 0.3763, 0.3250**, and **11.7875, 0.4347, 0.3174** is the 20% darker color. If you saturate the color by 10%, you get **24.1247, 0.4401, 0.3214**, and if you desaturate by 10%, it is **35.5617, 0.3724, 0.3244**.

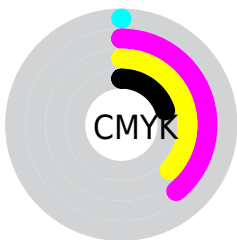
Distribution



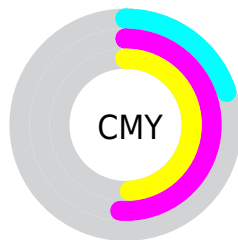
- Red (80%)
- Green (49%)
- Blue (51%)



- Red (80%)
- Yellow (49%)
- Blue (51%)



- Cyan (0%)
- Magenta (39%)
- Yellow (37%)
- Black (20%)





- Cyan (20%)
- Magenta (51%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.2581, 0.4031, 0.3228 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 29.2581, 0.4031, 0.3228 by changing the saturation by 10% instead.


 29.2581, 0.4031,
0.3228


 29.2581, 0.4031,
0.3228


298.4308, 0.3540,
0.3274


 19.2762, 0.4167,
0.3211


 58.4869, 0.3843,
0.3249

 11.8700, 0.4351,
0.3184


 78.5026, 0.3775,
0.3255

 6.6552, 0.4611,
0.3140


 102.6316, 0.3719,
0.3260

 3.2474, 0.5004,
0.3060

131.2583, 0.3672,
0.3264

 1.2622, 0.5713,
0.2923

164.7672, 0.3631,
0.3267

 0.1117, 0.8872,
0.1128


203.5427, 0.3597,


 0.0000, 0.0000,


0.3270


0.0000

247.9691, 0.3566,
0.3272

 29.2581, 0.4031,
0.3228


 29.2581, 0.4031,
0.3228


 24.1247, 0.4401,
0.3214


 35.5617, 0.3724,
0.3244


 20.0854, 0.4829,
0.3206


 43.0969, 0.3474,
0.3261


 17.0620, 0.5291,
0.3206


 51.9257, 0.3274,
0.3276

 14.9642, 0.5736,
0.3217


 62.1051, 0.3113,
0.3291


 13.6856, 0.6099,
0.3240

 73.6882, 0.2984,
0.3305

 13.0541, 0.6326,
0.3267

 86.7257, 0.2879,
0.3318

 13.0050, 0.6342,
0.3267

 91.7165, 0.2832,
0.3289

Harmonies

Analogous

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



29.2581, 0.3578, 0.2840



29.2581, 0.4031, 0.3228



29.2581, 0.4215, 0.3655

Triad

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



29.2581, 0.4031, 0.3228



29.2581, 0.3156, 0.4197



29.2581, 0.2236, 0.2500

Complementary

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



29.2581, 0.4031, 0.3228



52.1843, 0.2619, 0.3357

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.



29.2581, 0.2148, 0.2779



29.2581, 0.4031, 0.3228



29.2581, 0.2649, 0.3803

Square

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



29.2581, 0.4031, 0.3228



29.2581, 0.3680, 0.4266



29.2581, 0.2290, 0.3253



29.2581, 0.2540, 0.2433

Rectangle

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



29.2581, 0.4031, 0.3228



29.2581, 0.4155, 0.3922



29.2581, 0.2290, 0.3253



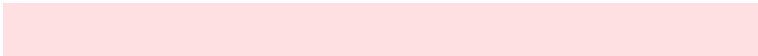
29.2581, 0.2181, 0.2569

Sweetspot

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



29.2595, 0.4031, 0.3228



80.2947, 0.3332, 0.3272



31.3092, 0.3118, 0.2320



16.7695, 0.3358, 0.3269



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.



29.2595, 0.4031, 0.3228



40.6020, 0.4345, 0.3216



39.4839, 0.3915, 0.3735



11.2248, 0.3280, 0.3276



8.1027, 0.6326, 0.3259



0.4221, 0.6084, 0.3125

Inverse Universe

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



29.2595, 0.4031, 0.3228



40.6020, 0.4345, 0.3216



37.6411, 0.2516, 0.2793



11.2248, 0.3280, 0.3276



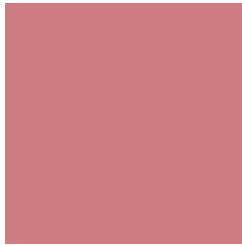
8.1027, 0.6326, 0.3259



0.4221, 0.6084, 0.3125

Previews

White Background



This preview shows how the Yxy color 29.2581, 0.4031, 0.3228 looks on a white background.

Color Contrast Check

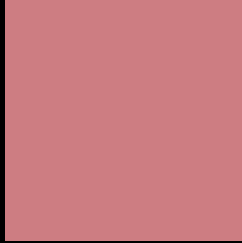
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.2581, 0.4031, 0.3228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

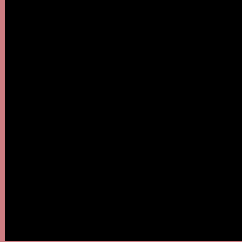
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.2581, 0.4031, 0.3228

Background



This preview shows how black text looks on a background with the Yxy color 29.2581, 0.4031, 0.3228.



This preview shows how white text looks on a background with the Yxy color 29.2581, 0.4031, 0.3228.

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

29.2581, 0.4031, 0.3228

Protanopia

29.4958, 0.3228, 0.3369

Deuteranopia

29.3133, 0.3584, 0.3517



Tritanopia

29.1157, 0.3986, 0.3163

Trichromacy



Original Color

29.2581, 0.4031, 0.3228

Protanomaly

28.9581, 0.3495, 0.3306

Deuteranomaly

29.1119, 0.3744, 0.3407

Tritanomaly

29.0879, 0.3998, 0.3176

Monochromacy



Original Color

29.2581, 0.4031, 0.3228

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

29.1442, 0.3427, 0.3261

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.2581, 0.4031, 0.3228 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(205, 125, 130)` looks like.

```
.text, #text, p{  
    color:rgb(205, 125, 130)  
}
```

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(205, 125, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 125, 130) }
```

Border

The CSS property to change the border of an element to Yxy 29.2581, 0.4031, 0.3228 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(205, 125, 130) }
```

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

```
.border{ border-color:rgb(205, 125, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 125, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 125, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 125, 130);  
box-shadow:4px 4px 4px 4px rgb(205, 125,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 29.2581, 0.4031, 0.3228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 125, 130) }
```

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

```
.background{ background-color: rgb(205,  
125, 130) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor