

Converting Colors

Yxy(28.4352, 0.4049, 0.3164)

Have a look what the booklet for
Yxy(28.4352, 0.4049, 0.3164)
contains.

Yxy(28.4352, 0.4049, 0.3164)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(28.4352, 0.4049, 0.3164)

Conversions

Conversions Part 1

Format	Color
Hex	CE7983
RGB	206, 121, 131
RGB Percent	81%, 47%, 51%
CMY	0.1921, 0.5255, 0.4862
CMYK	0.00, 0.41, 0.36, 0.19
HSL	353°, 46%, 64%
HSV	353°, 41%, 81%
XYZ	36.3888, 28.4352, 25.0471
YIQ	147.5550, 47.4500, 21.1300

Conversions

Conversions Part 2

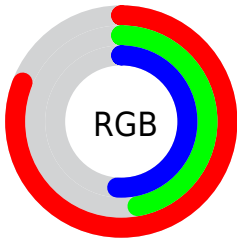
Format	Color
R _Y B	206, 121, 131
Decimal	13531523
CIE Lab	60.28, 34.27, 8.97
CIE LCh	60, 35.424, 14.672
Yxy	28.4352, 0.4049, 0.3164
Android (android.graphics.Color)	4291721603 (0xFFCE7983)
YUV	147.5550, -8.1616, 51.2563
Hunter-Lab	53.3247, 28.4904, 9.4782

Details

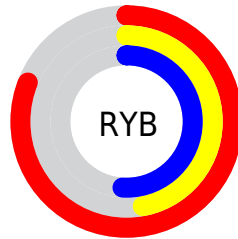
The Yxy color **28.4352, 0.4049, 0.3164** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **52.1943, 0.2621, 0.3427**, and the grayscale version is **29.4403, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.3806, 0.3766, 0.3197**, and **11.3791, 0.4375, 0.3091** is the 20% darker color. If you saturate the color by 10%, you get **23.5025, 0.4409, 0.3138**, and if you desaturate by 10%, it is **34.5261, 0.3748, 0.3195**.

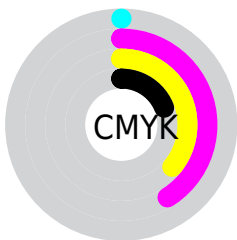
Distribution



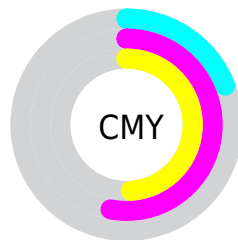
- Red (81%)
- Green (47%)
- Blue (51%)



- Red (81%)
- Yellow (47%)
- Blue (51%)



- Cyan (0%)
- Magenta (41%)
- Yellow (36%)
- Black (19%)





- Cyan (19%)
- Magenta (53%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.4352, 0.4049, 0.3164 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 28.4352, 0.4049, 0.3164 by changing the saturation by 10% instead.


 28.4352, 0.4049,
0.3164


 28.4352, 0.4049,
0.3164


294.5407, 0.3546,
0.3243

 18.6540, 0.4189,
0.3138


 57.1785, 0.3856,
0.3197

 11.4205, 0.4379,
0.3099


 76.9094, 0.3786,
0.3209

 6.3504, 0.4647,
0.3039


 100.7256, 0.3729,
0.3217

 3.0593, 0.5056,
0.2936

129.0116, 0.3681,
0.3225

 1.1628, 0.5792,
0.2757

162.1517, 0.3640,
0.3230

 0.0310, 0.9655,
0.0345

200.5303, 0.3604,

 0.0000, 0.0000,

0.3235

0.0000

244.5318, 0.3574,
0.3240

■ 28.4352, 0.4049,
0.3164

■ 28.4352, 0.4049,
0.3164

■ 23.5025, 0.4409,
0.3138

■ 34.5261, 0.3748,
0.3195

■ 19.6507, 0.4823,
0.3122

■ 41.8379, 0.3503,
0.3226

■ 16.7995, 0.5267,
0.3121

■ 50.4336, 0.3304,
0.3257


■ 14.8559, 0.5697,
0.3142


■ 60.3708, 0.3145,
0.3287

■ 13.7090, 0.6051,
0.3184

■ 71.7034, 0.3017,
0.3313

 13.1892, 0.6267,
0.3226

 84.4827, 0.2913,
0.3338

 91.8622, 0.2838,
0.3289

Harmonies

Analogous

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



28.4352, 0.3535, 0.2765



28.4352, 0.4049, 0.3164



28.4352, 0.4288, 0.3615

Triad

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



28.4352, 0.4049, 0.3164



28.4352, 0.3227, 0.4300



28.4352, 0.2153, 0.2470

Complementary

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



28.4352, 0.4049, 0.3164



52.1943, 0.2621, 0.3427

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.



28.4352, 0.2090, 0.2793



28.4352, 0.4049, 0.3164



28.4352, 0.2675, 0.3912

Square

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



28.4352, 0.4049, 0.3164



28.4352, 0.3779, 0.4320



28.4352, 0.2269, 0.3322



28.4352, 0.2447, 0.2375

Rectangle

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



28.4352, 0.4049, 0.3164



28.4352, 0.4251, 0.3907



28.4352, 0.2269, 0.3322



28.4352, 0.2105, 0.2552

Sweetspot

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



28.4366, 0.4049, 0.3164



80.3882, 0.3320, 0.3255



29.6899, 0.3059, 0.2248



16.7913, 0.3345, 0.3251



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.



28.4366, 0.4049, 0.3164



38.5367, 0.4384, 0.3140



37.0142, 0.4004, 0.3691



11.2348, 0.3272, 0.3263



8.1288, 0.6243, 0.3213



0.4267, 0.5836, 0.2989

Inverse Universe

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



28.4366, 0.4049, 0.3164



38.5367, 0.4384, 0.3140



39.1177, 0.2495, 0.2843



11.2348, 0.3272, 0.3263



8.1288, 0.6243, 0.3213



0.4267, 0.5836, 0.2989

Previews

White Background



This preview shows how the Yxy color 28.4352, 0.4049, 0.3164 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 28.4352, 0.4049, 0.3164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

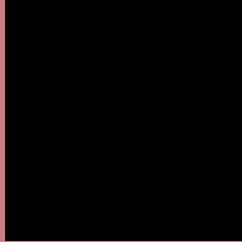
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.4352, 0.4049, 0.3164

Background



This preview shows how black text looks on a background with the Yxy color 28.4352, 0.4049, 0.3164.



This preview shows how white text looks on a background with the Yxy color 28.4352, 0.4049, 0.3164.

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

28.4352, 0.4049, 0.3164

Protanopia

28.6540, 0.3179, 0.3306

Deuteranopia

28.4217, 0.3545, 0.3474



Tritanopia

28.4083, 0.4062, 0.3177

Trichromacy



Original Color

28.4352, 0.4049, 0.3164

Protanomaly

28.0184, 0.3481, 0.3246

Deuteranomaly

28.1838, 0.3732, 0.3349

Tritanomaly

28.4083, 0.4062, 0.3177

Monochromacy



Original Color

28.4352, 0.4049, 0.3164

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

28.5650, 0.3431, 0.3231

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.4352, 0.4049, 0.3164 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, 121, 131)` looks like.

```
.text, #text, p{  
    color:rgb(206, 121, 131)  
}
```

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, 121, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 121, 131) }
```

Border

The CSS property to change the border of an element to Yxy 28.4352, 0.4049, 0.3164 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, 121, 131) }
```

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

```
.border{ border-color:rgb(206, 121, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 121, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 121, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 121, 131);  
box-shadow:4px 4px 4px 4px rgb(206, 121,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 28.4352, 0.4049, 0.3164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 121, 131) }
```

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

```
.background{ background-color: rgb(206,  
121, 131) }
```

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