

Converting Colors

$Y_{xy}(28.1233, 0.3981, 0.3061)$

Have a look what the booklet for
Yxy(28.1233, 0.3981, 0.3061)
contains.

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Color

Yxy(28.1216, 0.3981, 0.3062)

Conversions

Conversions Part 1

Format	Color
Hex	CE7789
RGB	206, 119, 137
RGB Percent	81%, 47%, 54%
CMY	0.1922, 0.5333, 0.4629
CMYK	0.00, 0.42, 0.34, 0.19
HSL	348°, 47%, 64%
HSV	348°, 42%, 81%
XYZ	36.5618, 28.1216, 27.1573
YIQ	147.0650, 46.0740, 24.0420

Conversions

Conversions Part 2

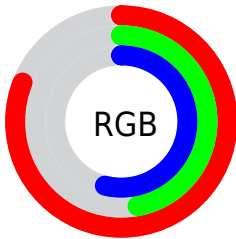
Format	Color
R _Y B	206, 119, 137
Decimal	13531017
CIE Lab	60.00, 36.06, 5.14
CIE LCh	60, 36.420, 8.110
Yxy	28.1216, 0.3981, 0.3062
Android (android.graphics.Color)	4291721097 (0xFFCE7789)
YUV	147.0650, -4.9620, 51.6860
Hunter-Lab	53.0298, 30.2659, 6.7577

Details

The Yxy color **28.1216, 0.3981, 0.3062** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **51.6923, 0.2655, 0.3541**, and the grayscale version is **29.2132, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.8648, 0.3716, 0.3114**, and **11.2119, 0.4290, 0.2972** is the 20% darker color. If you saturate the color by 10%, you get **23.3051, 0.4306, 0.3015**, and if you desaturate by 10%, it is **34.0744, 0.3709, 0.3116**.

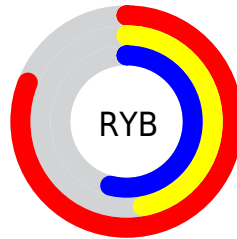
Distribution



Red (81%)

Green (47%)

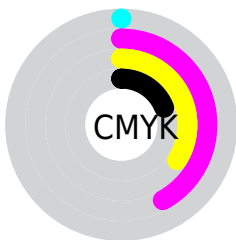
Blue (54%)



Red (81%)

Yellow (47%)

Blue (54%)

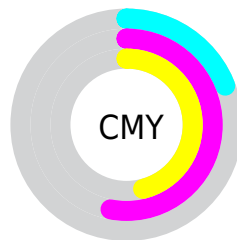


Cyan (0%)

Magenta (42%)

Yellow (34%)

Black (19%)



Cyan (19%)


Magenta (53%)


Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 28.1216, 0.3981, 0.3062 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 28.1216, 0.3981, 0.3062 by changing the saturation by 10% instead.


 28.1216, 0.3981,
0.3062


 28.1216, 0.3981,
0.3062


293.0475, 0.3516,
0.3192


 18.4173, 0.4111,
0.3023


 56.6785, 0.3802,
0.3114

 11.2500, 0.4286,
0.2970


 76.3000, 0.3738,
0.3132

 6.2353, 0.4535,
0.2890

 99.9960, 0.3685,
0.3146

 2.9887, 0.4915,
0.2763

128.1509, 0.3641,
0.3159

 1.1258, 0.5562,
0.2534

161.1491, 0.3603,
0.3169

 0.0000, 1.0000,
0.0000

199.3750, 0.3570,

 0.0000, 0.0000,

0.3178

0.0000

243.2130, 0.3541,
0.3185

■ 28.1216, 0.3981,
0.3062

■ 28.1216, 0.3981,
0.3062

■ 23.3051, 0.4306,
0.3015

■ 34.0744, 0.3709,
0.3116

■ 19.5483, 0.4680,
0.2982

■ 41.2255, 0.3485,
0.3173

■ 16.7717, 0.5086,
0.2974


■ 49.6374, 0.3303,
0.3227


■ 14.8823, 0.5491,
0.2998

■ 59.3667, 0.3156,
0.3279

■ 13.7696, 0.5849,
0.3059

■ 70.4670, 0.3037,
0.3327

 13.2911, 0.6073,
0.3119

 82.9886, 0.2940,
0.3371

 91.6301, 0.2857,
0.3327

 91.8602, 0.2838,
0.3289

Harmonies

Analogous

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



28.1216, 0.3412, 0.2674



28.1216, 0.3981, 0.3062



28.1216, 0.4302, 0.3519

Triad

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



28.1216, 0.3981, 0.3062



28.1216, 0.3357, 0.4372



28.1216, 0.2090, 0.2497

Complementary

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



28.1216, 0.3981, 0.3062



51.6923, 0.2655, 0.3541

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.



28.1216, 0.2080, 0.2879



28.1216, 0.3981, 0.3062



28.1216, 0.2776, 0.4049

Square

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



28.1216, 0.3981, 0.3062



28.1216, 0.3905, 0.4308



28.1216, 0.2316, 0.3458



28.1216, 0.2341, 0.2351

Rectangle

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



28.1216, 0.3981, 0.3062



28.1216, 0.4316, 0.3826



28.1216, 0.2316, 0.3458



28.1216, 0.2060, 0.2598

Sweetspot

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



28.1230, 0.3981, 0.3062



79.0630, 0.3318, 0.3222



28.2362, 0.2982, 0.2200



16.2413, 0.3357, 0.3210



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.



28.1230, 0.3981, 0.3062



38.1750, 0.4285, 0.3017



34.2956, 0.4072, 0.3609



11.2509, 0.3258, 0.3242



8.1968, 0.6040, 0.3101



0.4341, 0.5490, 0.2798

Inverse Universe

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



28.1230, 0.3981, 0.3062



38.1750, 0.4285, 0.3017



41.5675, 0.2499, 0.2939



11.2509, 0.3258, 0.3242



8.1968, 0.6040, 0.3101



0.4341, 0.5490, 0.2798

Previews

White Background



This preview shows how the Yxy color 28.1216, 0.3981, 0.3062 looks on a white background.

Color Contrast Check

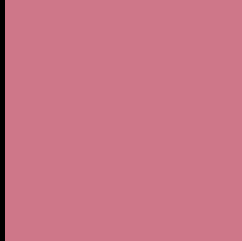
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.1216, 0.3981, 0.3062 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

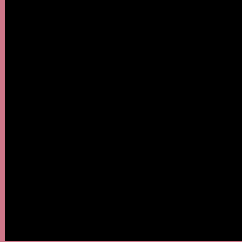
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.1216, 0.3981, 0.3062

Background



This preview shows how black text looks on a background with the Yxy color 28.1216, 0.3981, 0.3062.



This preview shows how white text looks on a background with the Yxy color 28.1216, 0.3981, 0.3062.

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

28.1216, 0.3981, 0.3062

Protanopia

28.2919, 0.3080, 0.3179

Deuteranopia

28.2362, 0.3456, 0.3399



Tritanopia

27.9971, 0.4068, 0.3177

Trichromacy



Original Color

28.1216, 0.3981, 0.3062

Protanomaly

27.7281, 0.3383, 0.3126

Deuteranomaly

27.8075, 0.3654, 0.3263

Tritanomaly

28.0780, 0.4030, 0.3138

Monochromacy



Original Color

28.1216, 0.3981, 0.3062

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

28.1993, 0.3411, 0.3201

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.1216, 0.3981, 0.3062 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, 119, 137)` looks like.

```
.text, #text, p{  
    color:rgb(206, 119, 137)  
}
```

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, 119, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 119, 137) }
```

Border

The CSS property to change the border of an element to Yxy 28.1216, 0.3981, 0.3062 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, 119, 137) }
```

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

```
.border{ border-color:rgb(206, 119, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 119, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 119, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 119, 137);  
box-shadow:4px 4px 4px 4px rgb(206, 119,  
137) }
```


Background

The CSS property to change the background color of an element to Yxy 28.1216, 0.3981, 0.3062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 119, 137) }
```

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

```
.background{ background-color: rgb(206,  
119, 137) }
```

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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