

Converting Colors

$Y_{xy}(28.9212, 0.4149, 0.3293)$

Have a look what the booklet for
Yxy(28.9212, 0.4149, 0.3293)
contains.

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Color

Yxy(28.8614, 0.4152, 0.3293)

Conversions

Conversions Part 1

Format	Color
Hex	CF7B7B
RGB	207, 123, 123
RGB Percent	81%, 48%, 48%
CMY	0.1882, 0.5176, 0.5176
CMYK	0.00, 0.41, 0.41, 0.19
HSL	0°, 47%, 65%
HSV	0°, 41%, 81%
XYZ	36.3901, 28.8614, 22.3932
YIQ	148.1160, 50.0640, 17.8080

Conversions

Conversions Part 2

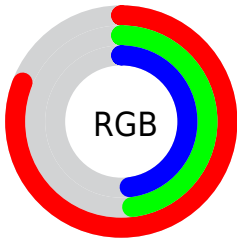
Format	Color
R_{YB}	207, 123, 123
Decimal	13597563
CIE Lab	60.66, 32.64, 14.12
CIE LCh	61, 35.560, 23.389
Yxy	28.8614, 0.4152, 0.3293
Android (android.graphics.Color)	4291787643 (0xFFCF7B7B)
YUV	148.1160, -12.3822, 51.6413
Hunter-Lab	53.7228, 26.8952, 12.8922

Details

The Yxy color **28.8614, 0.4152, 0.3293** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **53.3405, 0.2573, 0.3288**, and the grayscale version is **29.7033, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.7994, 0.3842, 0.3313**, and **11.6132, 0.4529, 0.3261** is the 20% darker color. If you saturate the color by 10%, you get **23.7937, 0.4559, 0.3294**, and if you desaturate by 10%, it is **35.1273, 0.3812, 0.3292**.

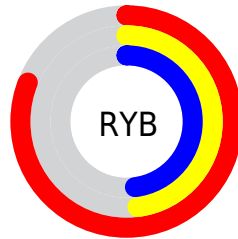
Distribution



Red (81%)

Green (48%)

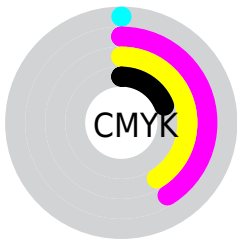
Blue (48%)



Red (81%)

Yellow (48%)

Blue (48%)

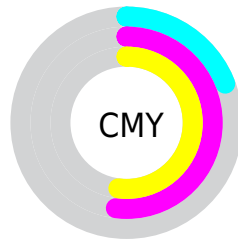


Cyan (0%)

Magenta (41%)

Yellow (41%)

Black (19%)



Cyan (19%)


Magenta (52%)

Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.8614, 0.4152, 0.3293 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 28.8614, 0.4152, 0.3293 by changing the saturation by 10% instead.


 28.8614, 0.4152,
0.3293


 28.8614, 0.4152,
0.3293


296.5604, 0.3594,
0.3309

 18.9760, 0.4307,
0.3281


 57.8568, 0.3938,
0.3304

 11.6529, 0.4516,
0.3261


 77.7356, 0.3861,
0.3306

 6.5078, 0.4810,
0.3223


 101.7143, 0.3797,
0.3308

 3.1563, 0.5251,
0.3145

130.1773, 0.3743,
0.3309

 1.2138, 0.6177,
0.3070

163.5091, 0.3697,
0.3309

 0.0730, 0.9223,
0.0777


202.0939, 0.3658,

 0.0000, 0.0000,


0.3309


0.0000


246.3162, 0.3624,
0.3309

 28.8614, 0.4152,
0.3293


 28.8614, 0.4152,
0.3293


 23.7937, 0.4559,
0.3294


 35.1273, 0.3812,
0.3292


 19.8439, 0.5020,
0.3296


 42.6564, 0.3535,
0.3291


 16.9287, 0.5499,
0.3297

 51.5143, 0.3313,
0.3291


 14.9514, 0.5931,
0.3298


 61.7605, 0.3136,
0.3290

 13.7970, 0.6240,
0.3299

 73.4512, 0.2995,
0.3290

 13.2652, 0.6401,
0.3300

 86.6394, 0.2881,
0.3289

 92.0051, 0.2844,
0.3289

Harmonies

Analogous

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



28.8614, 0.3702, 0.2872



28.8614, 0.4152, 0.3293



28.8614, 0.4290, 0.3745

Triad

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



28.8614, 0.4152, 0.3293



28.8614, 0.3059, 0.4221



28.8614, 0.2216, 0.2420

Complementary

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



28.8614, 0.4152, 0.3293



53.3405, 0.2573, 0.3288

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.



28.8614, 0.2085, 0.2676



28.8614, 0.4152, 0.3293



28.8614, 0.2538, 0.3748

Square

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



28.8614, 0.4152, 0.3293



28.8614, 0.3627, 0.4350



28.8614, 0.2193, 0.3153



28.8614, 0.2573, 0.2387

Rectangle

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



28.8614, 0.4152, 0.3293



28.8614, 0.4187, 0.4022



28.8614, 0.2193, 0.3153



28.8614, 0.2146, 0.2480

Sweetspot

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



28.8628, 0.4152, 0.3293



80.1903, 0.3345, 0.3291



31.9373, 0.3174, 0.2300



16.7452, 0.3372, 0.3291



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.



28.8628, 0.4152, 0.3293



38.8520, 0.4516, 0.3294



41.6062, 0.3927, 0.3821



11.8083, 0.3291, 0.3291



8.3578, 0.6401, 0.3300



0.4673, 0.6401, 0.3300

Inverse Universe

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



53.3405, 0.2573, 0.3288



83.4888, 0.2482, 0.3288



35.6272, 0.2479, 0.2685



13.4071, 0.2983, 0.3290



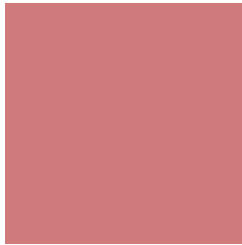
30.9538, 0.2247, 0.3287



1.7307, 0.2247, 0.3287

Previews

White Background



This preview shows how the Yxy color 28.8614, 0.4152, 0.3293 looks on a white background.

Color Contrast Check

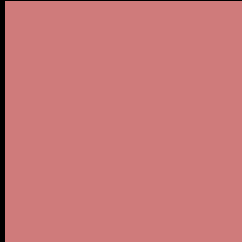
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.8614, 0.4152, 0.3293 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

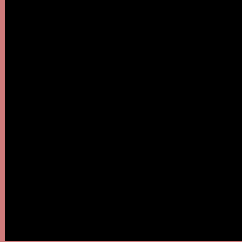
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.8614, 0.4152, 0.3293

Background



This preview shows how black text looks on a background with the Yxy color 28.8614, 0.4152, 0.3293.



This preview shows how white text looks on a background with the Yxy color 28.8614, 0.4152, 0.3293.

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

28.8614, 0.4152, 0.3293

Protanopia

28.9824, 0.3300, 0.3465

Deuteranopia

28.9519, 0.3675, 0.3608



Tritanopia

28.9677, 0.4067, 0.3178

Trichromacy



Original Color

28.8614, 0.4152, 0.3293

Protanomaly

28.5863, 0.3587, 0.3396

Deuteranomaly

28.4980, 0.3845, 0.3478

Tritanomaly

28.8875, 0.4105, 0.3216

Monochromacy



Original Color

28.8614, 0.4152, 0.3293

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

28.7643, 0.3462, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.8614, 0.4152, 0.3293 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(207, 123, 123)` looks like.

```
.text, #text, p{  
    color:rgb(207, 123, 123)  
}
```

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(207, 123, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 123, 123) }
```

Border

The CSS property to change the border of an element to Yxy 28.8614, 0.4152, 0.3293 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(207, 123, 123) }
```

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

```
.border{ border-color:rgb(207, 123, 123) }
```

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

Here you see how a box with a 4 pixel rgb(207, 123, 123) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 123, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 123, 123);  
box-shadow:4px 4px 4px 4px rgb(207, 123,  
123) }
```


Background

The CSS property to change the background color of an element to Yxy 28.8614, 0.4152, 0.3293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 123, 123) }
```

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

```
.background{ background-color: rgb(207,  
123, 123) }
```

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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