

Converting Colors

$Y_{xy}(28.3711, 0.3876, 0.2999)$

Have a look what the booklet for
Yxy(28.3711, 0.3876, 0.2999)
contains.

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Color

Yxy(28.2535, 0.3877, 0.2995)

Conversions

Conversions Part 1

Format	Color
Hex	CC788F
RGB	204, 120, 143
RGB Percent	80%, 47%, 56%
CMY	0.2000, 0.5294, 0.4393
CMYK	0.00, 0.41, 0.30, 0.20
HSL	344°, 45%, 64%
HSV	344°, 41%, 80%
XYZ	36.5739, 28.2535, 29.5082
YIQ	147.7380, 42.6810, 24.9610

Conversions

Conversions Part 2

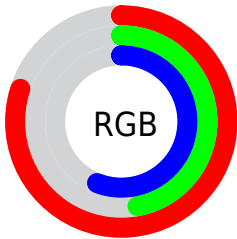
Format	Color
R_{YB}	204, 120, 143
Decimal	13400207
CIE _{Lab}	60.12, 35.58, 1.81
CIE _{LCh}	60, 35.631, 2.911
Yxy	28.2535, 0.3877, 0.2995
Android (android.graphics.Color)	4291590287 (0xFFCC788F)
YUV	147.7380, -2.3358, 49.3418
Hunter-Lab	53.1540, 29.8017, 4.2933

Details

The Yxy color **28.2535, 0.3877, 0.2995** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **50.5125, 0.2698, 0.3616**, and the grayscale version is **29.4970, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.5633, 0.3650, 0.3052**, and **11.3425, 0.4147, 0.2883** is the 20% darker color. If you saturate the color by 10%, you get **23.4395, 0.4165, 0.2929**, and if you desaturate by 10%, it is **34.1747, 0.3635, 0.3068**.

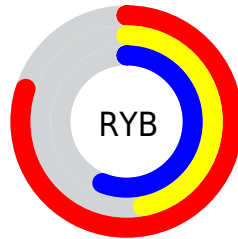
Distribution



Red (80%)

Green (47%)

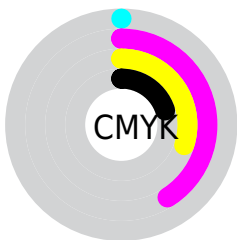
Blue (56%)



Red (80%)

Yellow (47%)

Blue (56%)

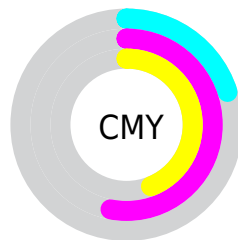


Cyan (0%)

Magenta (41%)

Yellow (30%)

Black (20%)



Cyan (20%)


Magenta (53%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.2535, 0.3877, 0.2995 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 28.2535, 0.3877, 0.2995 by changing the saturation by 10% instead.


 28.2535, 0.3877,
0.2995


 28.2535, 0.3877,
0.2995


293.6763, 0.3471,
0.3157


 18.5168, 0.3990,
0.2949


 56.8889, 0.3721,
0.3058

 11.3217, 0.4142,
0.2887


 76.5565, 0.3665,
0.3080

 6.2836, 0.4359,
0.2798


 100.3031, 0.3619,
0.3098

 3.0183, 0.4689,
0.2660

128.5132, 0.3580,
0.3114

 1.1413, 0.5247,
0.2422

161.5712, 0.3546,
0.3127

 0.0130, 0.9855,
0.0145

199.8614, 0.3518,

 0.0000, 0.0000,

0.3138

0.0000

243.7683, 0.3493,
0.3148

■ 28.2535, 0.3877,
0.2995

■ 28.2535, 0.3877,
0.2995

■ 23.4395, 0.4165,
0.2929

■ 34.1747, 0.3635,
0.3068

■ 19.6593, 0.4498,
0.2879

■ 41.2623, 0.3436,
0.3142

■ 16.8371, 0.4866,
0.2856


■ 49.5760, 0.3273,
0.3214


■ 14.8848, 0.5245,
0.2871

■ 59.1704, 0.3141,
0.3282

■ 13.6978, 0.5600,
0.2929

■ 70.0967, 0.3033,
0.3345

 13.1199, 0.5870,
0.3007

 82.4033, 0.2946,
0.3403

 91.0539, 0.2870,
0.3376

 91.5762, 0.2827,
0.3289

Harmonies

Analogous

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



28.2535, 0.3301, 0.2633



28.2535, 0.3877, 0.2995



28.2535, 0.4244, 0.3437

Triad

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



28.2535, 0.3877, 0.2995



28.2535, 0.3454, 0.4361



28.2535, 0.2093, 0.2563

Complementary

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



28.2535, 0.3877, 0.2995



50.5125, 0.2698, 0.3616

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.



28.2535, 0.2124, 0.2977



28.2535, 0.3877, 0.2995



28.2535, 0.2879, 0.4109

Square

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



28.2535, 0.3877, 0.2995



28.2535, 0.3967, 0.4244



28.2535, 0.2399, 0.3561



28.2535, 0.2299, 0.2379

Rectangle

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



28.2535, 0.3877, 0.2995



28.2535, 0.4301, 0.3741



28.2535, 0.2399, 0.3561



28.2535, 0.2076, 0.2676

Sweetspot

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



28.2549, 0.3877, 0.2995



80.6568, 0.3288, 0.3207



27.5221, 0.2930, 0.2210



16.8541, 0.3308, 0.3198



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.



28.2549, 0.3877, 0.2995



39.9275, 0.4118, 0.2939



32.4291, 0.4071, 0.3529



11.2633, 0.3248, 0.3227



8.2722, 0.5834, 0.2987



0.4398, 0.5262, 0.2672

Inverse Universe

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



28.2549, 0.3877, 0.2995



39.9275, 0.4118, 0.2939



43.3851, 0.2526, 0.3031



11.2633, 0.3248, 0.3227



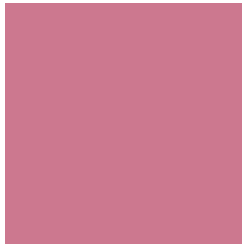
8.2722, 0.5834, 0.2987



0.4398, 0.5262, 0.2672

Previews

White Background



This preview shows how the Yxy color 28.2535, 0.3877, 0.2995 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 28.2535, 0.3877, 0.2995 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

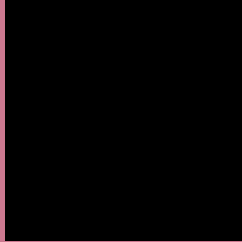
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.2535, 0.3877, 0.2995

Background



This preview shows how black text looks on a background with the Yxy color 28.2535, 0.3877, 0.2995.



This preview shows how white text looks on a background with the Yxy color 28.2535, 0.3877, 0.2995.

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

28.2535, 0.3877, 0.2995

Protanopia

28.3101, 0.3003, 0.3085

Deuteranopia

28.3016, 0.3381, 0.3306



Tritanopia

28.2543, 0.4010, 0.3175

Trichromacy



Original Color

28.2535, 0.3877, 0.2995

Protanomaly

27.7019, 0.3295, 0.3037

Deuteranomaly

28.0156, 0.3558, 0.3189

Tritanomaly

28.1205, 0.3964, 0.3110

Monochromacy



Original Color

28.2535, 0.3877, 0.2995

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

28.5771, 0.3376, 0.3171

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.2535, 0.3877, 0.2995 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(204, 120, 143)` looks like.

```
.text, #text, p{  
    color:rgb(204, 120, 143)  
}
```

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(204, 120, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 120, 143) }
```

Border

The CSS property to change the border of an element to Yxy 28.2535, 0.3877, 0.2995 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(204, 120, 143) }
```

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

```
.border{ border-color:rgb(204, 120, 143) }
```

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

Here you see how a box with a 4 pixel rgb(204, 120, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 120, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 120, 143);  
box-shadow:4px 4px 4px 4px rgb(204, 120,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 28.2535, 0.3877, 0.2995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 120, 143) }
```

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

```
.background{ background-color: rgb(204,  
120, 143) }
```

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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