

Converting Colors

$Y_{xy}(29.7945, 0.3762, 0.3023)$

Have a look what the booklet for
Yxy(29.7945, 0.3762, 0.3023)
contains.

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Color

Yxy(29.7344, 0.3756, 0.3017)

Conversions

Conversions Part 1

Format	Color
Hex	C97F94
RGB	201, 127, 148
RGB Percent	79%, 50%, 58%
CMY	0.2118, 0.5019, 0.4196
CMYK	0.00, 0.37, 0.26, 0.21
HSL	343°, 41%, 64%
HSV	343°, 37%, 79%
XYZ	37.0177, 29.7344, 31.8041
YIQ	151.5200, 37.3630, 22.2190

Conversions

Conversions Part 2

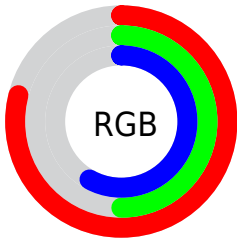
Format	Color
RYB	201, 127, 148
Decimal	13205396
CIELab	61.42, 31.42, 0.79
CIElCh	61, 31.425, 1.441
Yxy	29.7344, 0.3756, 0.3017
Android (android.graphics.Color)	4291395476 (0xFFC97F94)
YUV	151.5200, -1.7354, 43.3940
Hunter-Lab	54.5293, 25.7502, 3.5897

Details

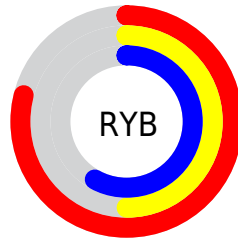
The Yxy color **29.7344, 0.3756, 0.3017** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **49.5722, 0.2741, 0.3587**, and the grayscale version is **31.1785, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.5720, 0.3590, 0.3073**, and **12.0517, 0.3981, 0.2922** is the 20% darker color. If you saturate the color by 10%, you get **24.6233, 0.4019, 0.2945**, and if you desaturate by 10%, it is **35.9405, 0.3537, 0.3094**.

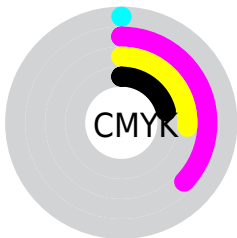
Distribution



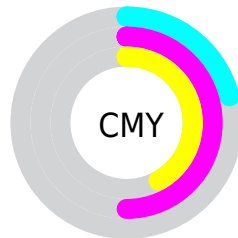
- Red (79%)
- Green (50%)
- Blue (58%)



- Red (79%)
- Yellow (50%)
- Blue (58%)



- Cyan (0%)
- Magenta (37%)
- Yellow (26%)
- Black (21%)




- Cyan (21%)
- Magenta (50%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.7344, 0.3756, 0.3017 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 29.7344, 0.3756, 0.3017 by changing the saturation by 10% instead.


 29.7344, 0.3756,
0.3017


 29.7344, 0.3756,
0.3017


300.6645, 0.3418,
0.3165

 19.6371, 0.3849,
0.2976


 59.2419, 0.3627,
0.3073

 12.1315, 0.3974,
0.2921


 79.4209, 0.3581,
0.3094

 6.8333, 0.4150,
0.2843


 103.7291, 0.3542,
0.3111

 3.3581, 0.4416,
0.2725

132.5512, 0.3509,
0.3125

 1.3214, 0.4864,
0.2524

166.2713, 0.3482,
0.3137

 0.1577, 0.7702,
0.1322

205.2740, 0.3457,

 0.0000, 0.0000,

0.3147

0.0000

249.9436, 0.3436,
0.3157

■ 29.7344, 0.3756,
0.3017

■ 29.7344, 0.3756,
0.3017

■ 24.6233, 0.4019,
0.2945

■ 35.9405, 0.3537,
0.3094

■ 20.5389, 0.4327,
0.2884

■ 43.2961, 0.3357,
0.3170

■ 17.4121, 0.4676,
0.2846


■ 51.8572, 0.3211,
0.3243


■ 15.1630, 0.5048,
0.2841

■ 61.6746, 0.3092,
0.3311

■ 13.6990, 0.5414,
0.2878

■ 72.7967, 0.2995,
0.3374

 12.8978, 0.5739,
0.2959

 85.2688, 0.2915,
0.3432

 12.7102, 0.5834,
0.2987

 90.7601, 0.2842,
0.3354

 91.1546, 0.2811,
0.3289

Harmonies

Analogous

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



29.7344, 0.3255, 0.2699



29.7344, 0.3756, 0.3017



29.7344, 0.4086, 0.3409

Triad

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



29.7344, 0.3756, 0.3017



29.7344, 0.3444, 0.4214



29.7344, 0.2213, 0.2673

Complementary

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



29.7344, 0.3756, 0.3017



49.5722, 0.2741, 0.3587

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.



29.7344, 0.2254, 0.3048



29.7344, 0.3756, 0.3017



29.7344, 0.2941, 0.4009

Square

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



29.7344, 0.3756, 0.3017



29.7344, 0.3883, 0.4114



29.7344, 0.2510, 0.3553



29.7344, 0.2387, 0.2494

Rectangle

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



29.7344, 0.3756, 0.3017



29.7344, 0.4148, 0.3677



29.7344, 0.2510, 0.3553



29.7344, 0.2202, 0.2778

Sweetspot

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



29.7358, 0.3756, 0.3017



82.1636, 0.3271, 0.3212



28.9580, 0.2945, 0.2325



17.1553, 0.3291, 0.3202



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.



29.7358, 0.3756, 0.3017



43.9255, 0.3958, 0.2960



33.2367, 0.3940, 0.3487



10.6856, 0.3246, 0.3225



8.0073, 0.5797, 0.2967



0.3919, 0.5185, 0.2630

Inverse Universe

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



29.7358, 0.3756, 0.3017



43.9255, 0.3958, 0.2960



43.9260, 0.2587, 0.3080



10.6856, 0.3246, 0.3225



8.0073, 0.5797, 0.2967



0.3919, 0.5185, 0.2630

Previews

White Background



This preview shows how the Yxy color 29.7344, 0.3756, 0.3017 looks on a white background.

Color Contrast Check

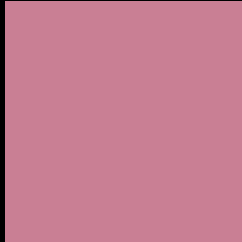
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.7344, 0.3756, 0.3017 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

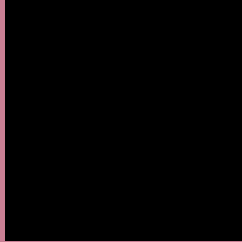
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.7344, 0.3756, 0.3017

Background



This preview shows how black text looks on a background with the Yxy color 29.7344, 0.3756, 0.3017.



This preview shows how white text looks on a background with the Yxy color 29.7344, 0.3756, 0.3017.

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

29.7344, 0.3756, 0.3017

Protanopia

30.0138, 0.3015, 0.3105

Deuteranopia

29.8834, 0.3332, 0.3276



Tritanopia

29.8149, 0.3859, 0.3173

Trichromacy



Original Color

29.7344, 0.3756, 0.3017

Protanomaly

29.3720, 0.3257, 0.3055

Deuteranomaly

29.5994, 0.3477, 0.3176

Tritanomaly

29.6707, 0.3814, 0.3107

Monochromacy



Original Color

29.7344, 0.3756, 0.3017

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

30.4253, 0.3336, 0.3173

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.7344, 0.3756, 0.3017 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(201, 127, 148)` looks like.

```
.text, #text, p{  
    color:rgb(201, 127, 148)  
}
```

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(201, 127, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 127, 148) }
```

Border

The CSS property to change the border of an element to Yxy 29.7344, 0.3756, 0.3017 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(201, 127, 148) }
```

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

```
.border{ border-color:rgb(201, 127, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 127, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 127, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 127, 148);  
box-shadow:4px 4px 4px 4px rgb(201, 127,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 29.7344, 0.3756, 0.3017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 127, 148) }
```

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

```
.background{ background-color: rgb(201,  
127, 148) }
```

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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