

Converting Colors

$Y_{xy}(30.5244, 0.3717, 0.2933)$

Have a look what the booklet for
Yxy(30.5244, 0.3717, 0.2933)
contains.

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Color

Yxy(30.5244, 0.3717, 0.2933)

Conversions

Conversions Part 1

Format	Color
Hex	CD7F9B
RGB	205, 127, 155
RGB Percent	80%, 50%, 61%
CMY	0.1961, 0.5020, 0.3921
CMYK	0.00, 0.38, 0.24, 0.20
HSL	338°, 44%, 65%
HSV	338°, 38%, 80%
XYZ	38.6837, 30.5244, 34.8642
YIQ	153.5140, 37.5000, 25.2440

Conversions

Conversions Part 2

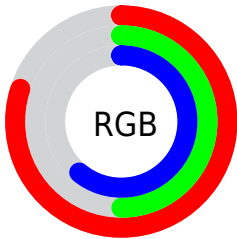
Format	Color
R _Y B	205, 127, 155
Decimal	13467547
CIE Lab	62.10, 33.88, -2.16
CIE LCh	62, 33.952, 356.345
Yxy	30.5244, 0.3717, 0.2933
Android (android.graphics.Color)	4291657627 (0xFFCD7F9B)
YUV	153.5140, 0.7326, 45.1532
Hunter-Lab	55.2489, 28.2949, 1.2599

Details

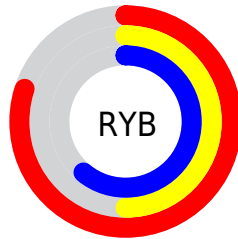
The Yxy color **30.5244, 0.3717, 0.2933** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **51.3517, 0.2764, 0.3685**, and the grayscale version is **32.0763, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.9112, 0.3530, 0.3002**, and **12.5579, 0.3916, 0.2813** is the 20% darker color. If you saturate the color by 10%, you get **25.3405, 0.3954, 0.2842**, and if you desaturate by 10%, it is **36.8366, 0.3518, 0.3030**.

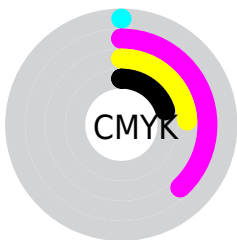
Distribution



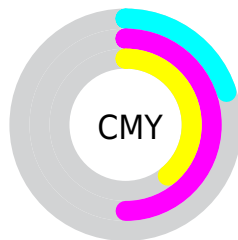
- Red (80%)
- Green (50%)
- Blue (61%)



- Red (80%)
- Yellow (50%)
- Blue (61%)



- Cyan (0%)
- Magenta (38%)
- Yellow (24%)
- Black (20%)




- Cyan (20%)
- Magenta (50%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.5244, 0.3717, 0.2933 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 30.5244, 0.3717, 0.2933 by changing the saturation by 10% instead.


 30.5244, 0.3717,
0.2933


 30.5244, 0.3717,
0.2933


304.3412, 0.3403,
0.3122

 20.2370, 0.3802,
0.2883


 60.4905, 0.3598,
0.3004

 12.5674, 0.3916,
0.2816


 80.9380, 0.3555,
0.3030

 7.1313, 0.4075,
0.2723


 105.5409, 0.3519,
0.3051

 3.5444, 0.4313,
0.2585

134.6837, 0.3489,
0.3070

 1.4221, 0.4705,
0.2362

168.7507, 0.3462,
0.3085

 0.2329, 0.6256,
0.1367

208.1264, 0.3440,

 0.0000, 0.0000,

0.3099

0.0000

253.1951, 0.3420,
0.3111

■ 30.5244, 0.3717,
0.2933

■ 30.5244, 0.3717,
0.2933

■ 25.3405, 0.3954,
0.2842

■ 36.8366, 0.3518,
0.3030

■ 21.2132, 0.4230,
0.2765

■ 44.3343, 0.3353,
0.3126

■ 18.0694, 0.4539,
0.2714


■ 53.0762, 0.3218,
0.3219

■ 15.8247, 0.4870,
0.2701


■ 63.1158, 0.3107,
0.3307


■ 14.3802, 0.5200,
0.2736


■ 74.5033, 0.3017,
0.3387

 13.5906, 0.5503,
0.2819

 87.2864, 0.2943,
0.3462

 13.4688, 0.5560,
0.2836

 91.2148, 0.2874,
0.3373

 91.7198, 0.2833,
0.3289

Harmonies

Analogous

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



30.5244, 0.3167, 0.2616



30.5244, 0.3717, 0.2933



30.5244, 0.4114, 0.3339

Triad

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



30.5244, 0.3717, 0.2933



30.5244, 0.3550, 0.4285



30.5244, 0.2145, 0.2682

Complementary

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



30.5244, 0.3717, 0.2933



51.3517, 0.2764, 0.3685

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.



30.5244, 0.2227, 0.3113



30.5244, 0.3717, 0.2933



30.5244, 0.3014, 0.4126

Square

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



30.5244, 0.3717, 0.2933



30.5244, 0.3995, 0.4123



30.5244, 0.2534, 0.3665



30.5244, 0.2292, 0.2459

Rectangle

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



30.5244, 0.3717, 0.2933



30.5244, 0.4217, 0.3626



30.5244, 0.2534, 0.3665



30.5244, 0.2147, 0.2805

Sweetspot

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



30.5259, 0.3717, 0.2933



82.2864, 0.3257, 0.3191



28.8646, 0.2885, 0.2275



17.1844, 0.3275, 0.3178



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.



30.5259, 0.3717, 0.2933



42.6384, 0.3917, 0.2855



32.5182, 0.4006, 0.3427



11.2791, 0.3235, 0.3207



8.4010, 0.5522, 0.2816



0.4478, 0.4979, 0.2516

Inverse Universe

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



30.5259, 0.3717, 0.2933



42.6384, 0.3917, 0.2855



47.7735, 0.2581, 0.3145



11.2791, 0.3235, 0.3207



8.4010, 0.5522, 0.2816



0.4478, 0.4979, 0.2516

Previews

White Background



This preview shows how the Yxy color 30.5244, 0.3717, 0.2933 looks on a white background.

Color Contrast Check

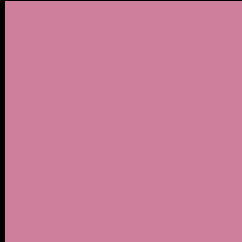
Large Text (above 18pt) WCAG AA × Fail

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 30.5244, 0.3717, 0.2933 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

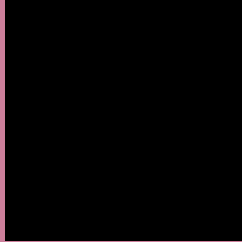
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.5244, 0.3717, 0.2933

Background



This preview shows how black text looks on a background with the Yxy color 30.5244, 0.3717, 0.2933.



This preview shows how white text looks on a background with the Yxy color 30.5244, 0.3717, 0.2933.

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

30.5244, 0.3717, 0.2933

Protanopia

30.6554, 0.2935, 0.2987

Deuteranopia

30.7173, 0.3257, 0.3201



Tritanopia

30.5259, 0.3876, 0.3175

Trichromacy



Original Color

30.5244, 0.3717, 0.2933

Protanomaly

30.1651, 0.3196, 0.2958

Deuteranomaly

30.3489, 0.3421, 0.3092

Tritanomaly

30.5822, 0.3819, 0.3085

Monochromacy



Original Color

30.5244, 0.3717, 0.2933

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

31.1638, 0.3336, 0.3146

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.5244, 0.3717, 0.2933 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(205, 127, 155)` looks like.

```
.text, #text, p{  
    color:rgb(205, 127, 155)  
}
```

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(205, 127, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 127, 155) }
```

Border

The CSS property to change the border of an element to Yxy 30.5244, 0.3717, 0.2933 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(205, 127, 155) }
```

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

```
.border{ border-color:rgb(205, 127, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 127, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 127, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 127, 155);  
box-shadow:4px 4px 4px 4px rgb(205, 127,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 30.5244, 0.3717, 0.2933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 127, 155) }
```

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

```
.background{ background-color: rgb(205,  
127, 155) }
```

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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