

Converting Colors

$Y_{xy}(30.5473, 0.3650, 0.2743)$

Have a look what the booklet for
Yxy(30.5473, 0.3650, 0.2743)
contains.

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Color

Yxy(30.4107, 0.3643, 0.2734)

Conversions

Conversions Part 1

Format	Color
Hex	D27AA7
RGB	210, 122, 167
RGB Percent	82%, 48%, 65%
CMY	0.1763, 0.5216, 0.3450
CMYK	0.00, 0.42, 0.20, 0.18
HSL	329°, 49%, 65%
HSV	329°, 42%, 82%
XYZ	40.5216, 30.4107, 40.2992
YIQ	153.4420, 38.0030, 32.6510

Conversions

Conversions Part 2

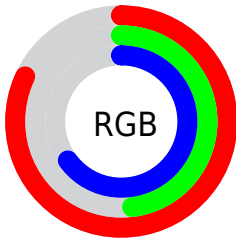
Format	Color
R _Y B	210, 122, 167
Decimal	13793959
CIE Lab	62.01, 40.08, -9.10
CIE LCh	62, 41.100, 347.206
Yxy	30.4107, 0.3643, 0.2734
Android (android.graphics.Color)	4291984039 (0xFFD27AA7)
YUV	153.4420, 6.6841, 49.6014
Hunter-Lab	55.1459, 34.6579, -4.7255

Details

The Yxy color **30.4107, 0.3643, 0.2734** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **52.9648, 0.2812, 0.3933**, and the grayscale version is **32.0159, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.5846, 0.3428, 0.2822**, and **12.4881, 0.3818, 0.2562** is the 20% darker color. If you saturate the color by 10%, you get **25.4360, 0.3827, 0.2610**, and if you desaturate by 10%, it is **36.5329, 0.3484, 0.2869**.

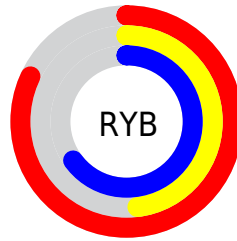
Distribution



Red (82%)

Green (48%)

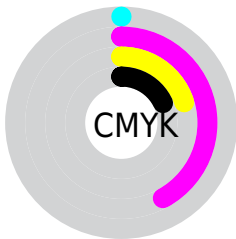
Blue (65%)



Red (82%)

Yellow (48%)

Blue (65%)

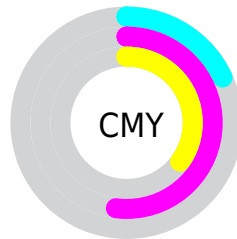


Cyan (0%)

Magenta (42%)

Yellow (20%)

Black (18%)



Cyan (18%)


Magenta (52%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.4107, 0.3643, 0.2734 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 30.4107, 0.3643, 0.2734 by changing the saturation by 10% instead.


 30.4107, 0.3643,
0.2734


 30.4107, 0.3643,
0.2734


303.8142, 0.3373,
0.3019

 20.1505, 0.3714,
0.2661


 60.3111, 0.3542,
0.2839

 12.5045, 0.3808,
0.2565


 80.7201, 0.3505,
0.2878

 7.0883, 0.3938,
0.2436


 105.2808, 0.3474,
0.2911

 3.5174, 0.4127,
0.2252

134.3776, 0.3448,
0.2939

 1.4074, 0.4427,
0.1971

168.3950, 0.3425,
0.2963

 0.2222, 0.5298,
0.0949

207.7173, 0.3406,

 0.0000, 1.0000,

0.2985

0.0000

252.7289, 0.3388,
0.3003

0.0000, 0.0000,
0.0000

30.4107, 0.3643,
0.2734

30.4107, 0.3643,
0.2734

25.4360, 0.3827,
0.2610

36.5329, 0.3484,
0.2869

21.5312, 0.4036,
0.2506

43.8650, 0.3350,
0.3005

18.6160, 0.4264,
0.2434

52.4700, 0.3237,
0.3139


16.5966, 0.4503,
0.2408

62.4052, 0.3143,
0.3266

15.3609, 0.4742,
0.2434

73.7244, 0.3066,
0.3386

 14.7774, 0.4929,
0.2489

 86.4785, 0.3002,
0.3497

 91.4503, 0.2946,
0.3458

 92.0738, 0.2891,
0.3350

 92.4472, 0.2861,
0.3289

Harmonies

Analogous

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



30.4107, 0.2965, 0.2411



30.4107, 0.3643, 0.2734



30.4107, 0.4212, 0.3181

Triad

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



30.4107, 0.3643, 0.2734



30.4107, 0.3803, 0.4469



30.4107, 0.1964, 0.2681

Complementary

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



30.4107, 0.3643, 0.2734



52.9648, 0.2812, 0.3933

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.



30.4107, 0.2136, 0.3261



30.4107, 0.3643, 0.2734



30.4107, 0.3174, 0.4427

Square

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



30.4107, 0.3643, 0.2734



30.4107, 0.4279, 0.4156



30.4107, 0.2565, 0.3950



30.4107, 0.2057, 0.2349

Rectangle

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



30.4107, 0.3643, 0.2734



30.4107, 0.4413, 0.3514



30.4107, 0.2565, 0.3950



30.4107, 0.1992, 0.2849

Sweetspot

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



30.4121, 0.3643, 0.2734



79.6432, 0.3250, 0.3123



26.5198, 0.2724, 0.2124



16.3837, 0.3273, 0.3093



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.



30.4121, 0.3643, 0.2734



40.4052, 0.3801, 0.2626



29.0630, 0.4186, 0.3275



11.9077, 0.3212, 0.3172



9.0308, 0.4897, 0.2471



0.5210, 0.4504, 0.2255

Inverse Universe

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



30.4121, 0.3643, 0.2734



40.4052, 0.3801, 0.2626



54.8302, 0.2566, 0.3308



11.9077, 0.3212, 0.3172



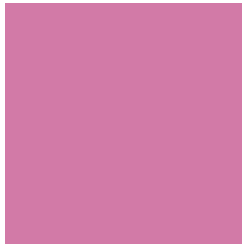
9.0308, 0.4897, 0.2471



0.5210, 0.4504, 0.2255

Previews

White Background



This preview shows how the Yxy color 30.4107, 0.3643, 0.2734 looks on a white background.

Color Contrast Check

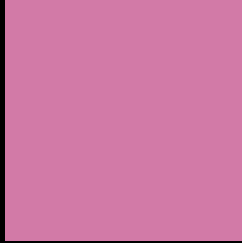
Large Text (above 18pt) WCAG AA × Fail

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 30.4107, 0.3643, 0.2734 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

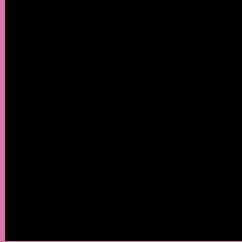
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.4107, 0.3643, 0.2734

Background



This preview shows how black text looks on a background with the Yxy color 30.4107, 0.3643, 0.2734.



This preview shows how white text looks on a background with the Yxy color 30.4107, 0.3643, 0.2734.

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

30.4107, 0.3643, 0.2734

Protanopia

30.7485, 0.2747, 0.2755

Deuteranopia

30.5730, 0.3098, 0.3037



Tritanopia

30.5099, 0.3954, 0.3177

Trichromacy



Original Color

30.4107, 0.3643, 0.2734



Protanomaly

29.8951, 0.3040, 0.2737



Deuteranomaly

30.0366, 0.3296, 0.2911



Tritanomaly

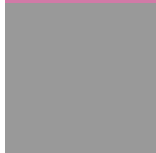
30.4697, 0.3838, 0.3013

Monochromacy



Original Color

30.4107, 0.3643, 0.2734



Achromatopsia

31.8547, 0.3127, 0.3290



Achromatomaly

30.8133, 0.3308, 0.3061

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.4107, 0.3643, 0.2734 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(210, 122, 167)` looks like.

```
.text, #text, p{  
    color:rgb(210, 122, 167)  
}
```

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(210, 122, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 122, 167) }
```

Border

The CSS property to change the border of an element to Yxy 30.4107, 0.3643, 0.2734 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(210, 122, 167) }
```

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

```
.border{ border-color:rgb(210, 122, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 122, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 122, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 122, 167);  
box-shadow:4px 4px 4px 4px rgb(210, 122,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 30.4107, 0.3643, 0.2734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 122, 167) }
```

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

```
.background{ background-color: rgb(210,  
122, 167) }
```

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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