

Converting Colors

$Yxy(17.9683, 0.4374, 0.2862)$

Have a look what the booklet for
Yxy(17.9683, 0.4374, 0.2862)
contains.

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Color

Yxy(17.9683, 0.4374, 0.2862)

Conversions

Conversions Part 1

Format	Color
Hex	C04F70
RGB	192, 79, 112
RGB Percent	75%, 31%, 44%
CMY	0.2470, 0.6902, 0.5607
CMYK	0.00, 0.59, 0.42, 0.25
HSL	342°, 47%, 53%
HSV	342°, 59%, 75%
XYZ	27.4610, 17.9683, 17.3530
YIQ	116.5490, 56.7550, 34.2190

Conversions

Conversions Part 2

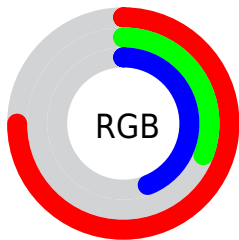
Format	Color
R_{YB}	192, 79, 112
Decimal	12603248
CIE _{Lab}	49.46, 48.40, 4.42
CIE _{LCh}	49, 48.601, 5.222
Yxy	17.9683, 0.4374, 0.2862
Android (android.graphics.Color)	4290793328 (0xFFC04F70)
YUV	116.5490, -2.2427, 66.1705
Hunter-Lab	42.3890, 41.4573, 5.4004

Details

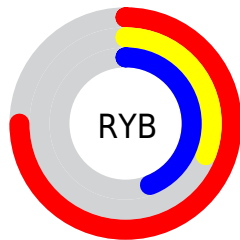
The Yxy color **17.9683, 0.4374, 0.2862** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **41.8684, 0.2585, 0.3821**, and the grayscale version is **17.6368, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.1508, 0.4081, 0.2967**, and **5.9863, 0.4888, 0.2647** is the 20% darker color. If you saturate the color by 10%, you get **15.3078, 0.4723, 0.2827**, and if you desaturate by 10%, it is **21.4762, 0.4062, 0.2921**.

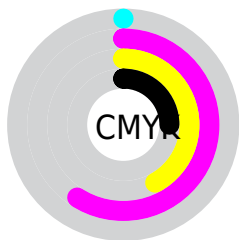
Distribution



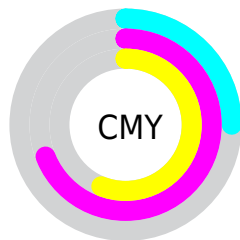
- Red (75%)
- Green (31%)
- Blue (44%)



- Red (75%)
- Yellow (31%)
- Blue (44%)



- Cyan (0%)
- Magenta (59%)
- Yellow (42%)
- Black (25%)





- Cyan (25%)
- Magenta (69%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.9683, 0.4374, 0.2862 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 17.9683, 0.4374, 0.2862 by changing the saturation by 10% instead.


 17.9683, 0.4374,
0.2862

 17.9683, 0.4374,
0.2862


240.6923, 0.3653,
0.3118


 10.9272, 0.4594,
0.2780


 39.9833, 0.4084,
0.2967


 6.0179, 0.4905,
0.2661

 55.7260, 0.3984,
0.3003

 2.8560, 0.5372,
0.2476

 75.1381, 0.3903,
0.3031

 1.0570, 0.6143,
0.2160

 98.6039, 0.3836,
0.3055

 0.0000, 1.0000,
0.0000

 126.5078, 0.3779,
0.3074

 0.0000, 0.0000,
0.0000

159.2343, 0.3731,

0.3091

197.1676, 0.3689,
0.3105

■ 17.9683, 0.4374,
0.2862

■ 17.9683, 0.4374,
0.2862

■ 15.3078, 0.4723,
0.2827

■ 21.4762, 0.4062,
0.2921

■ 13.4188, 0.5090,
0.2828

■ 25.8931, 0.3795,
0.2994

■ 12.2165, 0.5448,
0.2873

■ 31.2782, 0.3572,
0.3072

■ 11.5571, 0.5763,
0.2958

■ 37.6847, 0.3388,
0.3151

■ 11.4940, 0.5797,
0.2967

■ 45.1622, 0.3237,
0.3227

■ 53.7567, 0.3114,
0.3298

■ 63.5117, 0.3014,
0.3364

■ 74.4685, 0.2933,
0.3424

■ 86.6659, 0.2866,
0.3479

Harmonies

Analogous

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



17.9683, 0.3449, 0.2347



17.9683, 0.4374, 0.2862



17.9683, 0.4910, 0.3480

Triad

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



17.9683, 0.4374, 0.2862



17.9683, 0.3488, 0.5023



17.9683, 0.1619, 0.2132

Complementary

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



17.9683, 0.4374, 0.2862



41.8684, 0.2585, 0.3821

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.



17.9683, 0.1620, 0.2687



17.9683, 0.4374, 0.2862



17.9683, 0.2630, 0.4608

Square

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



17.9683, 0.4374, 0.2862



17.9683, 0.4297, 0.4741



17.9683, 0.1956, 0.3620



17.9683, 0.1925, 0.1933

Rectangle

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



17.9683, 0.4374, 0.2862



17.9683, 0.4932, 0.3917



17.9683, 0.1956, 0.3620



17.9683, 0.1585, 0.2274

Sweetspot

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



17.9692, 0.4374, 0.2862



68.9940, 0.3378, 0.3155



16.6775, 0.2788, 0.1759



14.0211, 0.3428, 0.3133



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



17.9692, 0.4374, 0.2862



26.4643, 0.4842, 0.2823



21.1963, 0.4716, 0.3588



10.1252, 0.3244, 0.3223



7.7454, 0.5764, 0.2949



0.3470, 0.5108, 0.2588

Inverse Universe

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



17.9692, 0.4374, 0.2862



26.4643, 0.4842, 0.2823



33.9957, 0.2328, 0.2930



10.1252, 0.3244, 0.3223



7.7454, 0.5764, 0.2949



0.3470, 0.5108, 0.2588

Previews

White Background



This preview shows how the Yxy color 17.9683, 0.4374, 0.2862 looks on a white background.

Color Contrast Check

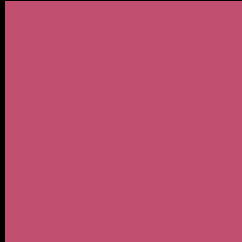
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 17.9683, 0.4374, 0.2862 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

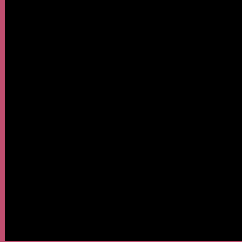
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 17.9683, 0.4374, 0.2862

Background



This preview shows how black text looks on a background with the Yxy color 17.9683, 0.4374, 0.2862.



This preview shows how white text looks on a background with the Yxy color 17.9683, 0.4374, 0.2862.

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

17.9683, 0.4374, 0.2862

Protanopia

18.1568, 0.2922, 0.2970

Deuteranopia

18.1645, 0.3484, 0.3420



Tritanopia

17.8549, 0.4708, 0.3217

Trichromacy



Original Color

17.9683, 0.4374, 0.2862

Protanomaly

17.1361, 0.3396, 0.2893

Deuteranomaly

17.3800, 0.3804, 0.3158

Tritanomaly

17.9740, 0.4596, 0.3099

Monochromacy



Original Color

17.9683, 0.4374, 0.2862

Achromatopsia

17.7888, 0.3127, 0.3290

Achromatomaly

16.8676, 0.3551, 0.3080

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.9683, 0.4374, 0.2862 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(192, 79, 112)` looks like.

```
.text, #text, p{  
    color:rgb(192, 79, 112)  
}
```

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(192, 79, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 79, 112) }
```

Border

The CSS property to change the border of an element to Yxy 17.9683, 0.4374, 0.2862 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(192, 79, 112) }
```

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

```
.border{ border-color:rgb(192, 79, 112) }
```

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

Here you see how a box with a 4 pixel rgb(192, 79, 112) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 79, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 79, 112);  
box-shadow:4px 4px 4px 4px rgb(192, 79,  
112) }
```


Background

The CSS property to change the background color of an element to Yxy 17.9683, 0.4374, 0.2862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 79, 112) }
```

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

```
.background{ background-color: rgb(192, 79,  
112) }
```

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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