

Converting Colors

$Y_{xy}(27.1881, 0.3870, 0.3090)$

Have a look what the booklet for
Yxy(27.1881, 0.3870, 0.3090)
contains.

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Color

Yxy(27.1881, 0.3870, 0.3090)

Conversions

Conversions Part 1

Format	Color
Hex	C47988
RGB	196, 121, 136
RGB Percent	77%, 47%, 53%
CMY	0.2313, 0.5255, 0.4666
CMYK	0.00, 0.38, 0.31, 0.23
HSL	348°, 39%, 62%
HSV	348°, 38%, 77%
XYZ	34.0511, 27.1881, 26.7482
YIQ	145.1350, 39.8850, 20.5650

Conversions

Conversions Part 2

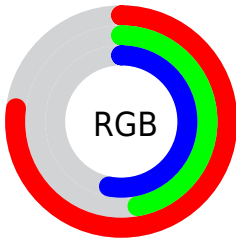
Format	Color
R_{YB}	196, 121, 136
Decimal	12876168
CIE Lab	59.15, 31.20, 4.31
CIE LCh	59, 31.496, 7.859
Yxy	27.1881, 0.3870, 0.3090
Android (android.graphics.Color)	4291066248 (0xFFC47988)
YUV	145.1350, -4.5036, 44.6086
Hunter-Lab	52.1422, 25.3193, 6.0847

Details

The Yxy color **27.1881, 0.3870, 0.3090** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **46.8912, 0.2690, 0.3506**, and the grayscale version is **28.3803, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.0171, 0.3714, 0.3134**, and **10.7538, 0.4142, 0.3020** is the 20% darker color. If you saturate the color by 10%, you get **22.4861, 0.4175, 0.3041**, and if you desaturate by 10%, it is **32.9259, 0.3617, 0.3144**.

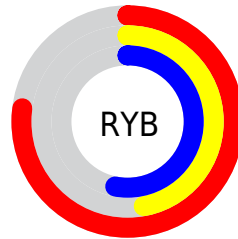
Distribution



Red (77%)

Green (47%)

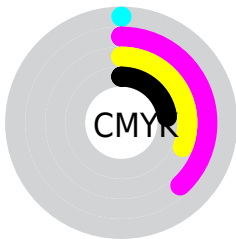
Blue (53%)



Red (77%)

Yellow (47%)

Blue (53%)

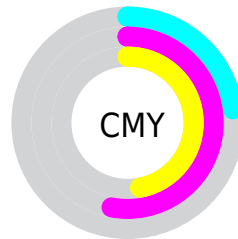


Cyan (0%)

Magenta (38%)

Yellow (31%)

Black (23%)



Cyan (23%)


Magenta (53%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.1881, 0.3870, 0.3090 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 27.1881, 0.3870, 0.3090 by changing the saturation by 10% instead.

 27.1881, 0.3870,
0.3090


 27.1881, 0.3870,
0.3090


288.5667, 0.3463,
0.3204


 17.7145, 0.3985,
0.3056

 55.1856, 0.3713,
0.3135

 10.7452, 0.4140,
0.3009


 74.4783, 0.3657,
0.3151

 5.8958, 0.4364,
0.2939


 97.8128, 0.3611,
0.3164

 2.7818, 0.4709,
0.2825

125.5735, 0.3572,
0.3175

 1.0189, 0.5319,
0.2620

158.1449, 0.3539,
0.3184

 0.0000, 1.0000,
0.0000

195.9113, 0.3510,

 0.0000, 0.0000,

0.3191

0.0000

239.2571, 0.3485,
0.3198

■ 27.1881, 0.3870,
0.3090

■ 27.1881, 0.3870,
0.3090

■ 22.4861, 0.4175,
0.3041

■ 32.9259, 0.3617,
0.3144

■ 18.7541, 0.4532,
0.3003

■ 39.7522, 0.3410,
0.3198

■ 15.9250, 0.4930,
0.2984


■ 47.7210, 0.3242,
0.3250


■ 13.9213, 0.5342,
0.2995


■ 56.8813, 0.3106,
0.3298


■ 12.6524, 0.5726,
0.3040


■ 67.2794, 0.2996,
0.3343

 11.9789, 0.6036,
0.3113

 78.9592, 0.2906,
0.3383

 11.8869, 0.6083,
0.3125

 89.8982, 0.2831,
0.3387

 90.4789, 0.2784,
0.3289

Harmonies

Analogous

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



27.1881, 0.3375, 0.2742



27.1881, 0.3870, 0.3090



27.1881, 0.4153, 0.3500

Triad

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



27.1881, 0.3870, 0.3090



27.1881, 0.3342, 0.4229



27.1881, 0.2206, 0.2596

Complementary

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



27.1881, 0.3870, 0.3090



46.8912, 0.2690, 0.3506

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.



27.1881, 0.2200, 0.2941



27.1881, 0.3870, 0.3090



27.1881, 0.2828, 0.3949

Square

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



27.1881, 0.3870, 0.3090



27.1881, 0.3821, 0.4185



27.1881, 0.2417, 0.3445



27.1881, 0.2430, 0.2458

Rectangle

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



27.1881, 0.3870, 0.3090



27.1881, 0.4171, 0.3772



27.1881, 0.2417, 0.3445



27.1881, 0.2179, 0.2689

Sweetspot

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



27.1894, 0.3870, 0.3090



82.0291, 0.3287, 0.3235



27.3346, 0.3001, 0.2306



17.1235, 0.3309, 0.3228



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.



27.1894, 0.3870, 0.3090



41.9304, 0.4124, 0.3048



32.5399, 0.3951, 0.3578



10.1101, 0.3258, 0.3244



7.6459, 0.6052, 0.3108



0.3404, 0.5435, 0.2768

Inverse Universe

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



27.1894, 0.3870, 0.3090



41.9304, 0.4124, 0.3048



38.6192, 0.2555, 0.2978



10.1101, 0.3258, 0.3244



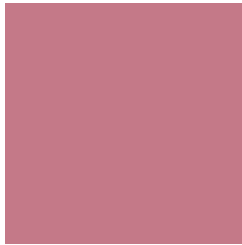
7.6459, 0.6052, 0.3108



0.3404, 0.5435, 0.2768

Previews

White Background



This preview shows how the Yxy color 27.1881, 0.3870, 0.3090 looks on a white background.

Color Contrast Check

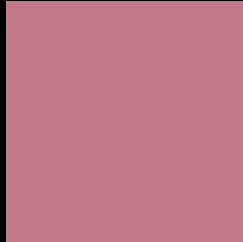
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.1881, 0.3870, 0.3090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

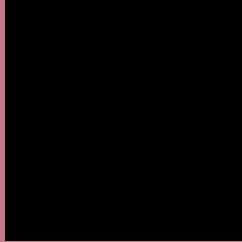
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.1881, 0.3870, 0.3090

Background



This preview shows how black text looks on a background with the Yxy color 27.1881, 0.3870, 0.3090.



This preview shows how white text looks on a background with the Yxy color 27.1881, 0.3870, 0.3090.

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

27.1881, 0.3870, 0.3090

Protanopia

27.4134, 0.3089, 0.3193

Deuteranopia

27.3440, 0.3427, 0.3369



Tritanopia

27.2935, 0.3929, 0.3171

Trichromacy



Original Color

27.1881, 0.3870, 0.3090

Protanomaly

26.8503, 0.3350, 0.3138

Deuteranomaly

27.1080, 0.3584, 0.3262

Tritanomaly

27.3483, 0.3904, 0.3144

Monochromacy



Original Color

27.1881, 0.3870, 0.3090

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

27.4538, 0.3379, 0.3199

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.1881, 0.3870, 0.3090 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(196, 121, 136)` looks like.

```
.text, #text, p{  
    color:rgb(196, 121, 136)  
}
```

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(196, 121, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 121, 136) }
```

Border

The CSS property to change the border of an element to Yxy 27.1881, 0.3870, 0.3090 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(196, 121, 136) }
```

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

```
.border{ border-color:rgb(196, 121, 136) }
```

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

Here you see how a box with a 4 pixel rgb(196, 121, 136) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 121, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 121, 136);  
box-shadow:4px 4px 4px 4px rgb(196, 121,  
136) }
```


Background

The CSS property to change the background color of an element to Yxy 27.1881, 0.3870, 0.3090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 121, 136) }
```

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

```
.background{ background-color: rgb(196,  
121, 136) }
```

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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