

Converting Colors

$Yxy(24.6833, 0.3969, 0.2995)$

Have a look what the booklet for
Yxy(24.6833, 0.3969, 0.2995)
contains.

Yxy(24.6881, 0.3980, 0.2999)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(24.6881, 0.3980, 0.2999)

Conversions

Conversions Part 1

Format	Color
Hex	C56E84
RGB	197, 110, 132
RGB Percent	77%, 43%, 52%
CMY	0.2275, 0.5686, 0.4823
CMYK	0.00, 0.44, 0.33, 0.23
HSL	345°, 43%, 60%
HSV	345°, 44%, 77%
XYZ	32.7638, 24.6881, 24.8692
YIQ	138.5210, 44.7900, 25.2860

Conversions

Conversions Part 2

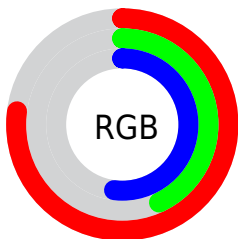
Format	Color
R_{YB}	197, 110, 132
Decimal	12938884
CIE _{Lab}	56.77, 36.92, 3.21
CIE _{LCh}	57, 37.056, 4.972
Yxy	24.6881, 0.3980, 0.2999
Android (android.graphics.Color)	4291128964 (0xFFC56E84)
YUV	138.5210, -3.2149, 51.2861
Hunter-Lab	49.6871, 30.7508, 5.1054

Details

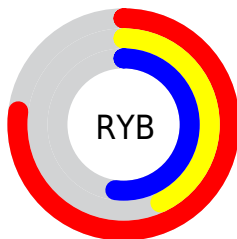
The Yxy color **24.6881, 0.3980, 0.2999** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **46.3363, 0.2663, 0.3615**, and the grayscale version is **25.6262, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.9572, 0.3790, 0.3061**, and **9.4152, 0.4304, 0.2872** is the 20% darker color. If you saturate the color by 10%, you get **20.5251, 0.4291, 0.2942**, and if you desaturate by 10%, it is **29.8552, 0.3717, 0.3065**.

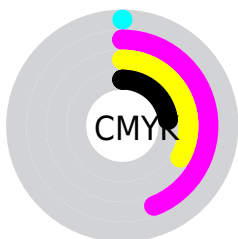
Distribution



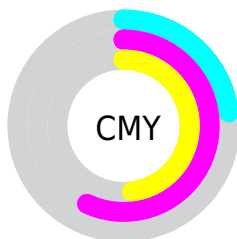
- Red (77%)
- Green (43%)
- Blue (52%)



- Red (77%)
- Yellow (43%)
- Blue (52%)



- Cyan (0%)
- Magenta (44%)
- Yellow (33%)
- Black (23%)




- Cyan (23%)
- Magenta (57%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.6881, 0.3980, 0.2999 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 24.6881, 0.3980, 0.2999 by changing the saturation by 10% instead.


 24.6881, 0.3980,
0.2999


 24.6881, 0.3980,
0.2999


276.2811, 0.3508,
0.3164

 15.8448, 0.4115,
0.2950


 51.1508, 0.3796,
0.3064


 9.4144, 0.4301,
0.2882


 69.5390, 0.3731,
0.3087

 5.0125, 0.4570,
0.2781

 91.8776, 0.3677,
0.3106

 2.2546, 0.4992,
0.2617

 118.5511, 0.3632,
0.3121

 0.7495, 0.5828,
0.2332

149.9438, 0.3594,
0.3135

 0.0000, 1.0000,
0.0000

186.4400, 0.3561,

 0.0000, 0.0000,

0.3146

0.0000

228.4244, 0.3533,
0.3156

■ 24.6881, 0.3980,
0.2999

■ 24.6881, 0.3980,
0.2999

■ 20.5251, 0.4291,
0.2942

■ 29.8552, 0.3717,
0.3065

■ 17.2968, 0.4646,
0.2903

■ 36.0824, 0.3500,
0.3133

■ 14.9309, 0.5030,
0.2893

■ 43.4260, 0.3323,
0.3201

■ 13.3425, 0.5414,
0.2922


■ 51.9372, 0.3179,
0.3265

■ 12.4294, 0.5758,
0.2992


■ 61.6641, 0.3062,
0.3324

 12.0968, 0.5931,
0.3041

 72.6520, 0.2966,
0.3379

 84.9438, 0.2888,
0.3429

 90.2745, 0.2815,
0.3344

 90.6082, 0.2789,
0.3289

Harmonies

Analogous

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



24.6881, 0.3358, 0.2604



24.6881, 0.3980, 0.2999



24.6881, 0.4357, 0.3474

Triad

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



24.6881, 0.3980, 0.2999



24.6881, 0.3432, 0.4456



24.6881, 0.2021, 0.2480

Complementary

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



24.6881, 0.3980, 0.2999



46.3363, 0.2663, 0.3615

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.



24.6881, 0.2035, 0.2906



24.6881, 0.3980, 0.2999



24.6881, 0.2812, 0.4156

Square

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



24.6881, 0.3980, 0.2999



24.6881, 0.3999, 0.4340



24.6881, 0.2309, 0.3537



24.6881, 0.2258, 0.2304

Rectangle

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



24.6881, 0.3980, 0.2999



24.6881, 0.4397, 0.3800



24.6881, 0.2309, 0.3537



24.6881, 0.1997, 0.2594

Sweetspot

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



24.6893, 0.3980, 0.2999



79.1491, 0.3308, 0.3207



24.1604, 0.2927, 0.2139



16.2624, 0.3344, 0.3192



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.



24.6893, 0.3980, 0.2999



36.9907, 0.4280, 0.2944



29.0416, 0.4156, 0.3564



10.6802, 0.3251, 0.3232



7.9696, 0.5899, 0.3023



0.3895, 0.5287, 0.2686

Inverse Universe

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



24.6893, 0.3980, 0.2999



36.9907, 0.4280, 0.2944



38.6690, 0.2486, 0.2988



10.6802, 0.3251, 0.3232



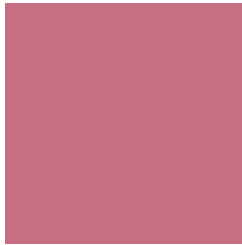
7.9696, 0.5899, 0.3023



0.3895, 0.5287, 0.2686

Previews

White Background



This preview shows how the Yxy color 24.6881, 0.3980, 0.2999 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 24.6881, 0.3980, 0.2999 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

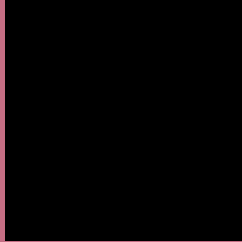
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.6881, 0.3980, 0.2999

Background



This preview shows how black text looks on a background with the Yxy color 24.6881, 0.3980, 0.2999.



This preview shows how white text looks on a background with the Yxy color 24.6881, 0.3980, 0.2999.

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

24.6881, 0.3980, 0.2999

Protanopia

24.9491, 0.3016, 0.3106

Deuteranopia

24.8333, 0.3417, 0.3356



Tritanopia

24.6802, 0.4124, 0.3185

Trichromacy



Original Color

24.6881, 0.3980, 0.2999

Protanomaly

24.4008, 0.3327, 0.3055

Deuteranomaly

24.4353, 0.3623, 0.3215

Tritanomaly

24.5599, 0.4074, 0.3118

Monochromacy



Original Color

24.6881, 0.3980, 0.2999

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

24.6895, 0.3418, 0.3165

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.6881, 0.3980, 0.2999 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(197, 110, 132)` looks like.

```
.text, #text, p{  
    color:rgb(197, 110, 132)  
}
```

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(197, 110, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 110, 132) }
```

Border

The CSS property to change the border of an element to Yxy 24.6881, 0.3980, 0.2999 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(197, 110, 132) }
```

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

```
.border{ border-color:rgb(197, 110, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 110, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 110, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 110, 132);  
box-shadow:4px 4px 4px 4px rgb(197, 110,  
132) }
```


Background

The CSS property to change the background color of an element to Yxy 24.6881, 0.3980, 0.2999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 110, 132) }
```

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

```
.background{ background-color: rgb(197,  
110, 132) }
```

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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