

Converting Colors

$Y_{xy}(26.9799, 0.3762, 0.2944)$

Have a look what the booklet for
Yxy(26.9799, 0.3762, 0.2944)
contains.

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Color

Yxy(26.9737, 0.3762, 0.2944)

Conversions

Conversions Part 1

Format	Color
Hex	C47791
RGB	196, 119, 145
RGB Percent	77%, 47%, 57%
CMY	0.2315, 0.5333, 0.4313
CMYK	0.00, 0.39, 0.26, 0.23
HSL	340°, 39%, 62%
HSV	340°, 39%, 77%
XYZ	34.4684, 26.9737, 30.1805
YIQ	144.9870, 37.5460, 24.4100

Conversions

Conversions Part 2

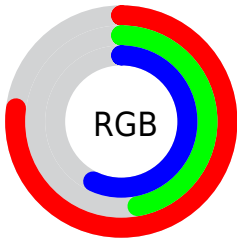
Format	Color
R _Y B	196, 119, 145
Decimal	12875665
CIE Lab	58.95, 33.50, -1.18
CIE LCh	59, 33.519, 357.986
Yxy	26.9737, 0.3762, 0.2944
Android (android.graphics.Color)	4291065745 (0xFFC47791)
YUV	144.9870, 0.0064, 44.7384
Hunter-Lab	51.9362, 27.5765, 1.9015

Details

The Yxy color **26.9737, 0.3762, 0.2944** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **46.2943, 0.2745, 0.3673**, and the grayscale version is **28.2995, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.6994, 0.3628, 0.3010**, and **10.6579, 0.3975, 0.2823** is the 20% darker color. If you saturate the color by 10%, you get **22.4028, 0.4012, 0.2860**, and if you desaturate by 10%, it is **32.5548, 0.3552, 0.3035**.

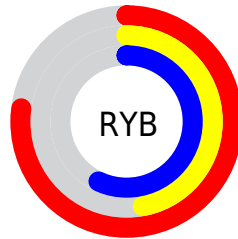
Distribution



Red (77%)

Green (47%)

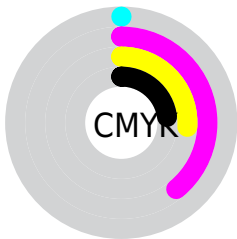
Blue (57%)



Red (77%)

Yellow (47%)

Blue (57%)

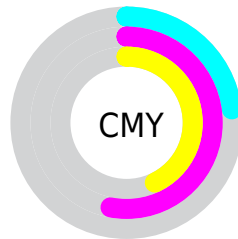


Cyan (0%)

Magenta (39%)

Yellow (26%)

Black (23%)



Cyan (23%)


Magenta (53%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.9737, 0.3762, 0.2944 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 26.9737, 0.3762, 0.2944 by changing the saturation by 10% instead.


 26.9737, 0.3762,
0.2944


 26.9737, 0.3762,
0.2944


287.5298, 0.3417,
0.3131

 17.5535, 0.3858,
0.2892


 54.8417, 0.3629,
0.3016

 10.6299, 0.3989,
0.2822


 74.0582, 0.3582,
0.3041

 5.8185, 0.4176,
0.2723

 97.3089, 0.3542,
0.3063

 2.7351, 0.4463,
0.2571

124.9783, 0.3509,
0.3081

 0.9950, 0.4958,
0.2312

157.4507, 0.3481,
0.3096

 0.0000, 1.0000,
0.0000

195.1104, 0.3457,

 0.0000, 0.0000,

0.3109

0.0000

238.3420, 0.3436,
0.3121

■ 26.9737, 0.3762,
0.2944

■ 26.9737, 0.3762,
0.2944

■ 22.4028, 0.4012,
0.2860

■ 32.5548, 0.3552,
0.3035

■ 18.7770, 0.4302,
0.2790

■ 39.1980, 0.3378,
0.3126

■ 16.0300, 0.4626,
0.2747


■ 46.9564, 0.3236,
0.3213


■ 14.0847, 0.4969,
0.2743

■ 55.8785, 0.3119,
0.3296

■ 12.8509, 0.5306,
0.2786

■ 66.0097, 0.3024,
0.3372

 12.1705, 0.5613,
0.2871

 77.3930, 0.2946,
0.3443

 12.1282, 0.5634,
0.2878

 89.3008, 0.2882,
0.3494

 90.0823, 0.2815,
0.3354

 90.4726, 0.2784,
0.3289

Harmonies

Analogous

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



26.9737, 0.3199, 0.2613



26.9737, 0.3762, 0.2944



26.9737, 0.4157, 0.3362

Triad

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



26.9737, 0.3762, 0.2944



26.9737, 0.3531, 0.4316



26.9737, 0.2123, 0.2646

Complementary

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



26.9737, 0.3762, 0.2944



46.2943, 0.2745, 0.3673

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.



26.9737, 0.2193, 0.3078



26.9737, 0.3762, 0.2944



26.9737, 0.2980, 0.4133

Square

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



26.9737, 0.3762, 0.2944



26.9737, 0.3998, 0.4161



26.9737, 0.2494, 0.3645



26.9737, 0.2285, 0.2431

Rectangle

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



26.9737, 0.3762, 0.2944



26.9737, 0.4250, 0.3656



26.9737, 0.2494, 0.3645



26.9737, 0.2120, 0.2768

Sweetspot

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



26.9750, 0.3762, 0.2944



80.7694, 0.3275, 0.3188



25.6218, 0.2889, 0.2248



16.8805, 0.3293, 0.3177



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.



26.9750, 0.3762, 0.2944



41.7496, 0.3971, 0.2872



29.1800, 0.4035, 0.3448



10.1328, 0.3237, 0.3212



7.8095, 0.5598, 0.2857



0.3504, 0.4962, 0.2507

Inverse Universe

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



26.9750, 0.3762, 0.2944



41.7496, 0.3971, 0.2872



42.3687, 0.2564, 0.3122



10.1328, 0.3237, 0.3212



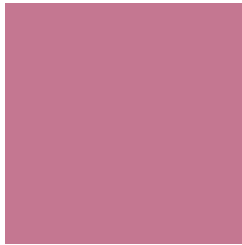
7.8095, 0.5598, 0.2857



0.3504, 0.4962, 0.2507

Previews

White Background



This preview shows how the Yxy color 26.9737, 0.3762, 0.2944 looks on a white background.

Color Contrast Check

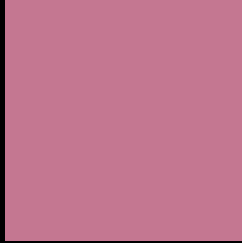
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.9737, 0.3762, 0.2944 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

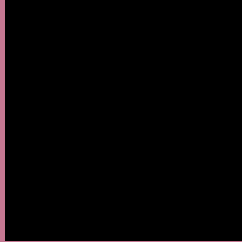
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.9737, 0.3762, 0.2944

Background



This preview shows how black text looks on a background with the Yxy color 26.9737, 0.3762, 0.2944.



This preview shows how white text looks on a background with the Yxy color 26.9737, 0.3762, 0.2944.

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

26.9737, 0.3762, 0.2944

Protanopia

27.0938, 0.2953, 0.3018

Deuteranopia

27.1979, 0.3285, 0.3228



Tritanopia

27.1599, 0.3918, 0.3170

Trichromacy



Original Color

26.9737, 0.3762, 0.2944

Protanomaly

26.5485, 0.3220, 0.2985

Deuteranomaly

26.8737, 0.3459, 0.3112

Tritanomaly

27.0544, 0.3858, 0.3089

Monochromacy



Original Color

26.9737, 0.3762, 0.2944

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

27.5452, 0.3346, 0.3154

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.9737, 0.3762, 0.2944 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, 119, 145)` looks like.

```
.text, #text, p{  
    color:rgb(196, 119, 145)  
}
```

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, 119, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 119, 145) }
```

Border

The CSS property to change the border of an element to Yxy 26.9737, 0.3762, 0.2944 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, 119, 145) }
```

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

```
.border{ border-color:rgb(196, 119, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 119, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 119, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 119, 145);  
box-shadow:4px 4px 4px 4px rgb(196, 119,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 26.9737, 0.3762, 0.2944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 119, 145) }
```

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

```
.background{ background-color: rgb(196,  
119, 145) }
```

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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