

Converting Colors

$Y_{xy}(26.4786, 0.3746, 0.2937)$

Have a look what the booklet for
Yxy(26.4786, 0.3746, 0.2937)
contains.

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Color

Yxy(26.4398, 0.3755, 0.2941)

Conversions

Conversions Part 1

Format	Color
Hex	C27690
RGB	194, 118, 144
RGB Percent	76%, 46%, 56%
CMY	0.2393, 0.5372, 0.4354
CMYK	0.00, 0.39, 0.26, 0.24
HSL	339°, 38%, 61%
HSV	339°, 39%, 76%
XYZ	33.7577, 26.4398, 29.7032
YIQ	143.6880, 36.9500, 24.1980

Conversions

Conversions Part 2

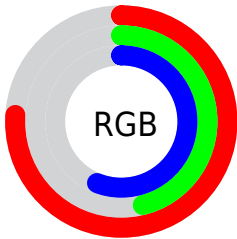
Format	Color
RYB	194, 118, 144
Decimal	12744336
CIELab	58.45, 33.18, -1.35
CIELCh	58, 33.204, 357.678
Yxy	26.4398, 0.3755, 0.2941
Android (android.graphics.Color)	4290934416 (0xFFC27690)
YUV	143.6880, 0.1538, 44.1236
Hunter-Lab	51.4196, 27.2034, 1.7441

Details

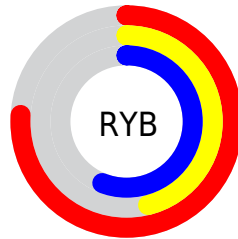
The Yxy color **26.4398, 0.3755, 0.2941** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **45.2596, 0.2748, 0.3677**, and the grayscale version is **27.7469, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.8985, 0.3622, 0.3008**, and **10.3457, 0.3966, 0.2816** is the 20% darker color. If you saturate the color by 10%, you get **21.9633, 0.4002, 0.2856**, and if you desaturate by 10%, it is **31.9025, 0.3547, 0.3033**.

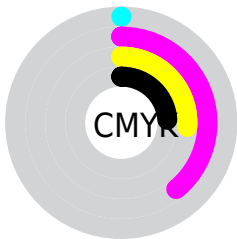
Distribution



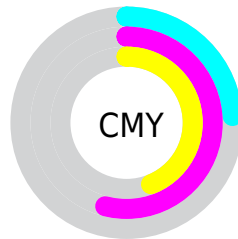
- Red (76%)
- Green (46%)
- Blue (56%)



- Red (76%)
- Yellow (46%)
- Blue (56%)



- Cyan (0%)
- Magenta (39%)
- Yellow (26%)
- Black (24%)





- Cyan (24%)
- Magenta (54%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.4398, 0.3755, 0.2941 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 26.4398, 0.3755, 0.2941 by changing the saturation by 10% instead.


 26.4398, 0.3755,
0.2941


 26.4398, 0.3755,
0.2941

284.9344, 0.3413,
0.3130


 17.1529, 0.3851,
0.2888


 53.9836, 0.3623,
0.3014

 10.3436, 0.3981,
0.2817


 73.0093, 0.3576,
0.3040

 5.6274, 0.4168,
0.2716

 96.0502, 0.3537,
0.3061

 2.6198, 0.4457,
0.2561

123.4905, 0.3504,
0.3079

 0.9367, 0.4958,
0.2295

155.7147, 0.3476,
0.3095

 0.0000, 1.0000,
0.0000

193.1071, 0.3452,

 0.0000, 0.0000,

0.3108

0.0000

236.0522, 0.3431,
0.3120

■ 26.4398, 0.3755,
0.2941

■ 26.4398, 0.3755,
0.2941

■ 21.9633, 0.4002,
0.2856

■ 31.9025, 0.3547,
0.3033

■ 18.4097, 0.4289,
0.2785

■ 38.4022, 0.3375,
0.3125

■ 15.7145, 0.4611,
0.2741


■ 45.9904, 0.3234,
0.3213

■ 13.8027, 0.4951,
0.2734


■ 54.7143, 0.3118,
0.3297

■ 12.5864, 0.5286,
0.2776

■ 64.6183, 0.3024,
0.3374


 11.9130, 0.5592,
0.2861

 75.7444, 0.2947,
0.3445

 11.8651, 0.5617,
0.2868

 88.1323, 0.2883,
0.3510

 89.6497, 0.2818,
0.3383

 90.2081, 0.2773,
0.3289

Harmonies

Analogous

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



26.4398, 0.3193, 0.2612



26.4398, 0.3755, 0.2941



26.4398, 0.4152, 0.3358

Triad

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



26.4398, 0.3755, 0.2941



26.4398, 0.3536, 0.4313



26.4398, 0.2125, 0.2651

Complementary

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



26.4398, 0.3755, 0.2941



45.2596, 0.2748, 0.3677

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.



26.4398, 0.2197, 0.3084



26.4398, 0.3755, 0.2941



26.4398, 0.2986, 0.4134

Square

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



26.4398, 0.3755, 0.2941



26.4398, 0.4000, 0.4155



26.4398, 0.2500, 0.3650



26.4398, 0.2284, 0.2434

Rectangle

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



26.4398, 0.3755, 0.2941



26.4398, 0.4247, 0.3651



26.4398, 0.2500, 0.3650



26.4398, 0.2122, 0.2773

Sweetspot

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



26.4411, 0.3755, 0.2941



78.9603, 0.3274, 0.3187



25.1134, 0.2890, 0.2252



16.8822, 0.3292, 0.3175



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.



26.4411, 0.3755, 0.2941



40.8441, 0.3965, 0.2867



28.5850, 0.4031, 0.3448



10.1335, 0.3236, 0.3212



7.8158, 0.5582, 0.2849



0.3508, 0.4949, 0.2500

Inverse Universe

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



26.4411, 0.3755, 0.2941



40.8441, 0.3965, 0.2867



41.4467, 0.2566, 0.3122



10.1335, 0.3236, 0.3212



7.8158, 0.5582, 0.2849



0.3508, 0.4949, 0.2500

Previews

White Background



This preview shows how the Yxy color 26.4398, 0.3755, 0.2941 looks on a white background.

Color Contrast Check

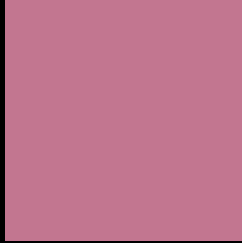
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.4398, 0.3755, 0.2941 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

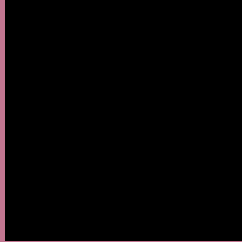
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.4398, 0.3755, 0.2941

Background



This preview shows how black text looks on a background with the Yxy color 26.4398, 0.3755, 0.2941.



This preview shows how white text looks on a background with the Yxy color 26.4398, 0.3755, 0.2941.

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

26.4398, 0.3755, 0.2941

Protanopia

26.6795, 0.2952, 0.3016

Deuteranopia

26.5000, 0.3288, 0.3212



Tritanopia

26.6239, 0.3911, 0.3169

Trichromacy



Original Color

26.4398, 0.3755, 0.2941

Protanomaly

26.1405, 0.3220, 0.2983

Deuteranomaly

26.0885, 0.3452, 0.3096

Tritanomaly

26.5197, 0.3851, 0.3087

Monochromacy



Original Color

26.4398, 0.3755, 0.2941

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

27.0229, 0.3336, 0.3153

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.4398, 0.3755, 0.2941 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(194, 118, 144)` looks like.

```
.text, #text, p{  
    color:rgb(194, 118, 144)  
}
```

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(194, 118, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 118, 144) }
```

Border

The CSS property to change the border of an element to Yxy 26.4398, 0.3755, 0.2941 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(194, 118, 144) }
```

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

```
.border{ border-color:rgb(194, 118, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 118, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 118, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 118, 144);  
box-shadow:4px 4px 4px 4px rgb(194, 118,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 26.4398, 0.3755, 0.2941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 118, 144) }
```

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

```
.background{ background-color: rgb(194,  
118, 144) }
```

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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