

Converting Colors

$Y_{xy}(26.0991, 0.2984, 0.3708)$

Have a look what the booklet for
Yxy(26.0991, 0.2984, 0.3708)
contains.

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Color

Yxy(26.1052, 0.2979, 0.3707)

Conversions

Conversions Part 1

Format	Color
Hex	70947D
RGB	112, 148, 125
RGB Percent	44%, 58%, 49%
CMY	0.5606, 0.4196, 0.5098
CMYK	0.24, 0.00, 0.16, 0.42
HSL	142°, 14%, 51%
HSV	142°, 24%, 58%
XYZ	20.9785, 26.1052, 23.3376
YIQ	134.6140, -14.0730, -14.7850

Conversions

Conversions Part 2

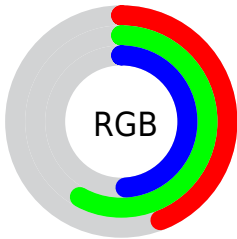
Format	Color
R _Y B	112, 138, 148
Decimal	7378045
CIE Lab	58.14, -17.39, 8.13
CIE LCh	58, 19.194, 154.937
Yxy	26.1052, 0.2979, 0.3707
Android (android.graphics.Color)	4285568125 (0xFF70947D)
YUV	134.6140, -4.7397, -19.8325
Hunter-Lab	51.0932, -16.1224, 8.6836

Details

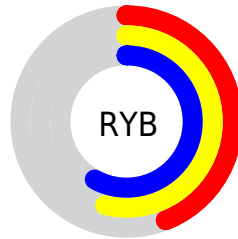
The Yxy color **26.1052, 0.2979, 0.3707** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **19.6445, 0.3313, 0.2907**, and the grayscale version is **24.1039, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.3479, 0.3007, 0.3607**, and **10.1280, 0.2918, 0.3873** is the 20% darker color. If you saturate the color by 10%, you get **24.9830, 0.2923, 0.3911**, and if you desaturate by 10%, it is **27.4122, 0.3039, 0.3522**.

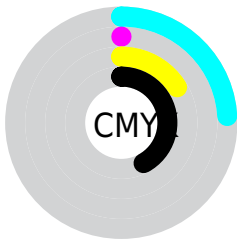
Distribution



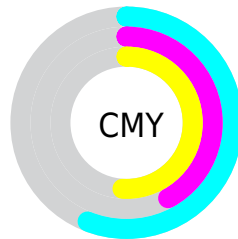
- Red (44%)
- Green (58%)
- Blue (49%)



- Red (44%)
- Yellow (54%)
- Blue (58%)



- Cyan (24%)
- Magenta (0%)
- Yellow (16%)
- Black (42%)





- Cyan (56%)
- Magenta (42%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.1052, 0.2979, 0.3707 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 26.1052, 0.2979, 0.3707 by changing the saturation by 10% instead.


 26.1052, 0.2979,
0.3707


 26.1052, 0.2979,
0.3707


283.2981, 0.3063,
0.3473


 16.9024, 0.2954,
0.3776


 53.4446, 0.3012,
0.3614

 10.1649, 0.2918,
0.3873


 72.3500, 0.3024,
0.3582

 5.5084, 0.2865,
0.4018

 95.2583, 0.3034,
0.3555

 2.5486, 0.2775,
0.4257

 122.5540, 0.3041,
0.3533

 0.9009, 0.2474,
0.5163

154.6214, 0.3048,
0.3515

 0.0000, 0.0000,
0.0000

191.8450, 0.3054,

0.3499

234.6091, 0.3059,
0.3485

■ 26.1052, 0.2979,
0.3707

■ 26.1052, 0.2979,
0.3707

■ 24.9830, 0.2923,
0.3911

■ 27.4122, 0.3039,
0.3522

■ 24.0339, 0.2874,
0.4132

■ 28.9087, 0.3101,
0.3356

■ 23.2499, 0.2834,
0.4366

■ 30.6031, 0.3162,
0.3208

■ 22.6210, 0.2806,
0.4608

■ 32.5024, 0.3223,
0.3078

■ 22.1362, 0.2794,
0.4850

■ 34.6132, 0.3282,
0.2964

■ 21.7828, 0.2799,
0.5082

■ 36.9420, 0.3338,
0.2864

■ 21.5454, 0.2821,
0.5296

■ 39.4948, 0.3391,
0.2777

■ 21.4378, 0.2836,
0.5409

■ 42.2774, 0.3441,
0.2701

■ 45.2955, 0.3488,
0.2634

Harmonies

Analogous

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



26.1052, 0.3304, 0.3861



26.1052, 0.2979, 0.3707



26.1052, 0.2704, 0.3423

Triad

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



26.1052, 0.2979, 0.3707



26.1052, 0.2667, 0.2763



26.1052, 0.3748, 0.3414

Complementary

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



26.1052, 0.2979, 0.3707



19.6445, 0.3313, 0.2907

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.



26.1052, 0.3560, 0.3146



26.1052, 0.2979, 0.3707



26.1052, 0.2927, 0.2782

Square

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



26.1052, 0.2979, 0.3707



26.1052, 0.2531, 0.2877



26.1052, 0.3254, 0.2920



26.1052, 0.3758, 0.3667

Rectangle

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



26.1052, 0.2979, 0.3707



26.1052, 0.2581, 0.3213



26.1052, 0.3254, 0.2920



26.1052, 0.3703, 0.3323

Sweetspot

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



26.1063, 0.2979, 0.3707



50.2254, 0.3083, 0.3401



27.5336, 0.3343, 0.3904



11.4338, 0.3080, 0.3409



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



26.1063, 0.2979, 0.3707



44.9802, 0.2949, 0.3813



26.5965, 0.2825, 0.3384



6.5009, 0.3070, 0.3435



18.3183, 0.2833, 0.5397



0.2295, 0.2600, 0.4559

Inverse Universe

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



19.6445, 0.3313, 0.2907



31.6072, 0.3364, 0.2820



19.1890, 0.3542, 0.3199



5.8740, 0.3189, 0.3149



6.0831, 0.4347, 0.2168



0.0801, 0.3734, 0.1830

Previews

White Background



This preview shows how the Yxy color 26.1052, 0.2979, 0.3707 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 26.1052, 0.2979, 0.3707 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

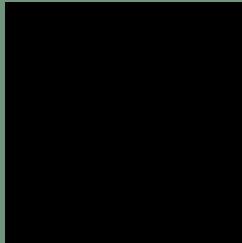
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.1052, 0.2979, 0.3707

Background



This preview shows how black text looks on a background with the Yxy color 26.1052, 0.2979, 0.3707.



This preview shows how white text looks on a background with the Yxy color 26.1052, 0.2979, 0.3707.

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

26.1052, 0.2979, 0.3707

Protanopia

25.9323, 0.3405, 0.3607

Deuteranopia

25.7768, 0.3459, 0.3387



Tritanopia

26.1646, 0.2769, 0.3102

Trichromacy



Original Color

26.1052, 0.2979, 0.3707

Protanomaly

25.8195, 0.3241, 0.3636

Deuteranomaly

25.6603, 0.3273, 0.3493

Tritanomaly

25.9774, 0.2846, 0.3307

Monochromacy



Original Color

26.1052, 0.2979, 0.3707

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

24.9069, 0.3077, 0.3448

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.1052, 0.2979, 0.3707 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(112, 148, 125)` looks like.

```
.text, #text, p{  
    color:rgb(112, 148, 125)  
}
```

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(112, 148, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 148, 125) }
```

Border

The CSS property to change the border of an element to Yxy 26.1052, 0.2979, 0.3707 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(112, 148, 125) }
```

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

```
.border{ border-color:rgb(112, 148, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 148, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 148, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 148, 125);  
box-shadow:4px 4px 4px 4px rgb(112, 148,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 26.1052, 0.2979, 0.3707 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 148, 125) }
```

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

```
.background{ background-color: rgb(112,  
148, 125) }
```

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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