

Converting Colors

$Y_{xy}(14.8483, 0.2991, 0.2706)$

Have a look what the booklet for
Yxy(14.8483, 0.2991, 0.2706)
contains.

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Color

Yxy(14.8680, 0.2990, 0.2718)

Conversions

Conversions Part 1

Format	Color
Hex	776583
RGB	119, 101, 131
RGB Percent	47%, 40%, 51%
CMY	0.5334, 0.6039, 0.4863
CMYK	0.09, 0.23, 0.00, 0.49
HSL	276°, 13%, 45%
HSV	276°, 23%, 51%
XYZ	16.3559, 14.8680, 23.4781
YIQ	109.8020, 1.0980, 13.1460

Conversions

Conversions Part 2

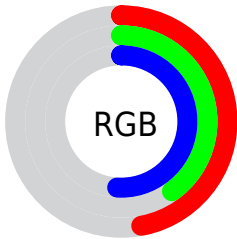
Format	Color
R_{YB}	119, 101, 131
Decimal	7824771
CIE _{Lab}	45.45, 13.23, -13.98
CIE _{LCh}	45, 19.243, 313.418
Yxy	14.8680, 0.2990, 0.2718
Android (android.graphics.Color)	4286014851 (0xFF776583)
YUV	109.8020, 10.4506, 8.0666
Hunter-Lab	38.5590, 8.2374, -9.1096

Details

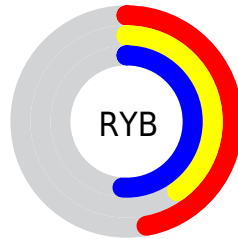
The Yxy color **14.8680, 0.2990, 0.2718** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **20.6829, 0.3238, 0.3876**, and the grayscale version is **15.5024, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.5751, 0.3023, 0.2849**, and **4.5496, 0.2902, 0.2460** is the 20% darker color. If you saturate the color by 10%, you get **12.1630, 0.2914, 0.2447**, and if you desaturate by 10%, it is **18.0002, 0.3056, 0.2978**.

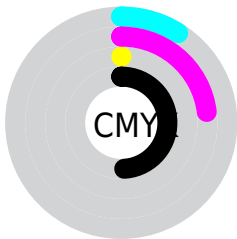
Distribution



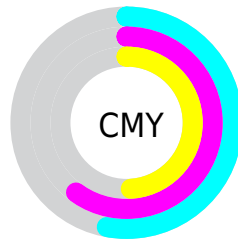
- Red (47%)
- Green (40%)
- Blue (51%)



- Red (47%)
- Yellow (40%)
- Blue (51%)



- Cyan (9%)
- Magenta (23%)
- Yellow (0%)
- Black (49%)





- Cyan (53%)
- Magenta (60%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.8680, 0.2990, 0.2718 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 14.8680, 0.2990, 0.2718 by changing the saturation by 10% instead.


 14.8680, 0.2990,
0.2718


 14.8680, 0.2990,
0.2718


222.5659, 0.3075,
0.3046


 8.7268, 0.2961,
0.2618


 34.6214, 0.3026,
0.2850


 4.5634, 0.2916,
0.2476

 49.0025, 0.3038,
0.2895

 1.9935, 0.2841,
0.2261

 66.8989, 0.3047,
0.2932

 0.6037, 0.2718,
0.1827

 88.6951, 0.3055,
0.2963

 0.0000, 0.0000,
0.0000

114.7756, 0.3061,
0.2989

145.5245, 0.3067,

0.3011

181.3265, 0.3071,
0.3030

■ 14.8680, 0.2990,
0.2718

■ 14.8680, 0.2990,
0.2718

■ 12.1630, 0.2914,
0.2447

■ 18.0002, 0.3056,
0.2978

■ 9.8640, 0.2829,
0.2172

■ 21.5760, 0.3113,
0.3223

■ 7.9503, 0.2735,
0.1903

■ 25.6132, 0.3160,
0.3449

■ 6.3991, 0.2634,
0.1650

■ 30.1279, 0.3200,
0.3657

■ 5.1849, 0.2530,
0.1426

■ 35.1357, 0.3233,
0.3845

4.2785, 0.2425,
0.1240

40.6511, 0.3260,
0.4016

3.6457, 0.2325,
0.1101

46.6884, 0.3282,
0.4169

3.2802, 0.2255,
0.1016

53.2609, 0.3300,
0.4307

60.3819, 0.3314,
0.4430

Harmonies

Analogous

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



14.8680, 0.2649, 0.2650



14.8680, 0.2990, 0.2718



14.8680, 0.3391, 0.2915

Triad

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



14.8680, 0.2990, 0.2718



14.8680, 0.3852, 0.3811



14.8680, 0.2547, 0.3339

Complementary

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



14.8680, 0.2990, 0.2718



20.6829, 0.3238, 0.3876

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.



14.8680, 0.2842, 0.3713



14.8680, 0.2990, 0.2718



14.8680, 0.3597, 0.3983

Square

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



14.8680, 0.2990, 0.2718



14.8680, 0.3907, 0.3523



14.8680, 0.3225, 0.3957



14.8680, 0.2406, 0.2978

Rectangle

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



14.8680, 0.2990, 0.2718



14.8680, 0.3634, 0.3099



14.8680, 0.3225, 0.3957



14.8680, 0.2630, 0.3469

Sweetspot

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



14.8686, 0.2990, 0.2718



35.8066, 0.3089, 0.3120



16.3288, 0.2776, 0.2939



8.2672, 0.3087, 0.3109



67.3860, 0.3127, 0.3290



9.4630, 0.3127, 0.3290

Same Dimension

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



14.8686, 0.2990, 0.2718



24.2423, 0.2955, 0.2591



15.7058, 0.3185, 0.2788



4.6722, 0.3078, 0.3072



3.2307, 0.2256, 0.1016



0.0155, 0.2691, 0.1256

Inverse Universe

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



15.3270, 0.3398, 0.3064



25.2269, 0.3470, 0.3015



19.9878, 0.3073, 0.3849



4.7173, 0.3222, 0.3203



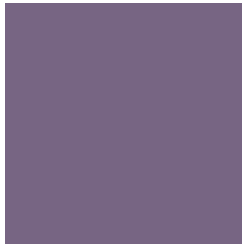
4.9986, 0.5305, 0.2696



0.0187, 0.4304, 0.2144

Previews

White Background



This preview shows how the Yxy color 14.8680, 0.2990, 0.2718 looks on a white 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

Black Background



This preview shows how the Yxy color 14.8680, 0.2990, 0.2718 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

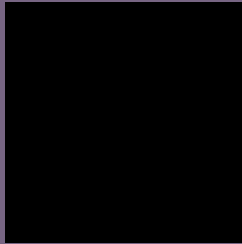
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.8680, 0.2990, 0.2718

Background



This preview shows how black text looks on a background with the Yxy color 14.8680, 0.2990, 0.2718.



This preview shows how white text looks on a background with the Yxy color 14.8680, 0.2990, 0.2718.

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

14.8680, 0.2990, 0.2718

Protanopia

15.0314, 0.2724, 0.2730

Deuteranopia

14.8407, 0.2848, 0.2791



Tritanopia

14.8059, 0.3178, 0.3109

Trichromacy



Original Color

14.8680, 0.2990, 0.2718

Protanomaly

15.0125, 0.2816, 0.2720

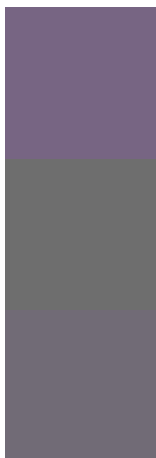
Deuteranomaly

14.8918, 0.2898, 0.2778

Tritanomaly

14.8385, 0.3101, 0.2954

Monochromacy



Original Color

14.8680, 0.2990, 0.2718

Achromatopsia

15.5926, 0.3127, 0.3290

Achromatomaly

15.3341, 0.3070, 0.3069

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.8680, 0.2990, 0.2718 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(119, 101, 131)` looks like.

```
.text, #text, p{  
    color:rgb(119, 101, 131)  
}
```

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(119, 101, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 101, 131) }
```

Border

The CSS property to change the border of an element to Yxy 14.8680, 0.2990, 0.2718 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(119, 101, 131) }
```

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

```
.border{ border-color:rgb(119, 101, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 101, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 101, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 101, 131);  
box-shadow:4px 4px 4px 4px rgb(119, 101,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 14.8680, 0.2990, 0.2718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 101, 131) }
```

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

```
.background{ background-color: rgb(119,  
101, 131) }
```

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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