

Converting Colors

$Yxy(26.5977, 0.3028, 0.3771)$

Have a look what the booklet for
Yxy(26.5977, 0.3028, 0.3771)
contains.

Yxy(26.5449, 0.3035, 0.3777)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(26.5449, 0.3035, 0.3777)

Conversions

Conversions Part 1

Format	Color
Hex	73957A
RGB	115, 149, 122
RGB Percent	45%, 58%, 48%
CMY	0.5490, 0.4157, 0.5216
CMYK	0.23, 0.00, 0.18, 0.42
HSL	132°, 14%, 52%
HSV	132°, 23%, 58%
XYZ	21.3301, 26.5449, 22.4054
YIQ	135.7560, -11.5970, -15.6050

Conversions

Conversions Part 2

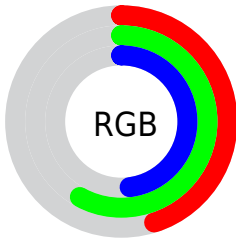
Format	Color
R _Y B	115, 143, 149
Decimal	7574906
CIE Lab	58.55, -17.49, 10.46
CIE LCh	59, 20.381, 149.122
Yxy	26.5449, 0.3035, 0.3777
Android (android.graphics.Color)	4285764986 (0xFF73957A)
YUV	135.7560, -6.7817, -18.2030
Hunter-Lab	51.5217, -16.2637, 10.2816

Details

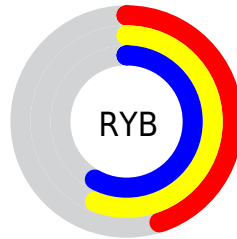
The Yxy color $26.5449, 0.3035, 0.3777$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $20.6067, 0.3235, 0.2848$, and the grayscale version is $24.5540, 0.3127, 0.3290$.

A 20% lighter version of the original color is $53.9834, 0.3056, 0.3672$, and $10.3747, 0.2997, 0.3977$ is the 20% darker color. If you saturate the color by 10%, you get $25.3402, 0.2996, 0.4031$, and if you desaturate by 10%, it is $27.9509, 0.3075, 0.3548$.

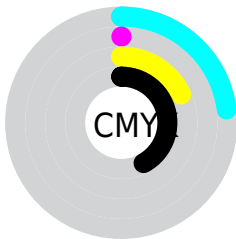
Distribution



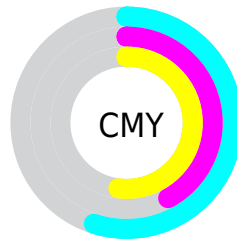
- Red (45%)
- Green (58%)
- Blue (48%)



- Red (45%)
- Yellow (56%)
- Blue (58%)



- Cyan (23%)
- Magenta (0%)
- Yellow (18%)
- Black (42%)





- Cyan (55%)
- Magenta (42%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.5449, 0.3035, 0.3777 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 26.5449, 0.3035, 0.3777 by changing the saturation by 10% instead.


 26.5449, 0.3035,
0.3777


 26.5449, 0.3035,
0.3777


285.4468, 0.3089,
0.3503


 17.2317, 0.3018,
0.3858


 54.1527, 0.3057,
0.3669

 10.3998, 0.2993,
0.3971


 73.2161, 0.3065,
0.3631

 5.6649, 0.2955,
0.4140


 96.2984, 0.3071,
0.3600

 2.6424, 0.2887,
0.4418

123.7840, 0.3076,
0.3574

 0.9480, 0.2748,
0.5511

156.0572, 0.3080,
0.3552

 0.0000, 0.0000,
0.0000

193.5025, 0.3083,

0.3534

236.5042, 0.3087,
0.3517

■ 26.5449, 0.3035,
0.3777

■ 26.5449, 0.3035,
0.3777

■ 25.3402, 0.2996,
0.4031

■ 27.9509, 0.3075,
0.3548

■ 24.3244, 0.2961,
0.4305

■ 29.5633, 0.3116,
0.3343

■ 23.4887, 0.2933,
0.4594

■ 31.3914, 0.3155,
0.3163

■ 22.8224, 0.2913,
0.4887

■ 33.4426, 0.3194,
0.3006

■ 22.3136, 0.2904,
0.5170

■ 35.7243, 0.3229,
0.2868

■ 21.9488, 0.2907,
0.5426

■ 38.2434, 0.3263,
0.2749

■ 21.7122, 0.2923,
0.5642

■ 41.0063, 0.3295,
0.2646

■ 21.5927, 0.2935,
0.5768

■ 44.0196, 0.3324,
0.2556

■ 47.2892, 0.3351,
0.2478

Harmonies

Analogous

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



26.5449, 0.3378, 0.3904



26.5449, 0.3035, 0.3777



26.5449, 0.2729, 0.3494

Triad

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



26.5449, 0.3035, 0.3777



26.5449, 0.2603, 0.2747



26.5449, 0.3758, 0.3364

Complementary

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



26.5449, 0.3035, 0.3777



20.6067, 0.3235, 0.2848

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.



26.5449, 0.3528, 0.3087



26.5449, 0.3035, 0.3777



26.5449, 0.2854, 0.2741

Square

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



26.5449, 0.3035, 0.3777



26.5449, 0.2489, 0.2892



26.5449, 0.3192, 0.2864



26.5449, 0.3807, 0.3638

Rectangle

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



26.5449, 0.3035, 0.3777



26.5449, 0.2583, 0.3271



26.5449, 0.3192, 0.2864



26.5449, 0.3699, 0.3268

Sweetspot

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



26.5460, 0.3035, 0.3777



51.6456, 0.3098, 0.3428



28.5029, 0.3386, 0.3855



11.4129, 0.3096, 0.3439



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.



26.5460, 0.3035, 0.3777



46.4728, 0.3016, 0.3894



26.9997, 0.2886, 0.3468



6.4867, 0.3090, 0.3471



18.1760, 0.2933, 0.5758



0.2260, 0.2743, 0.5074

Inverse Universe

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



20.6067, 0.3235, 0.2848



34.0543, 0.3262, 0.2753



20.1388, 0.3445, 0.3119



5.8890, 0.3167, 0.3116



6.4915, 0.3791, 0.1862



0.0836, 0.3473, 0.1687

Previews

White Background



This preview shows how the Yxy color 26.5449, 0.3035, 0.3777 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 26.5449, 0.3035, 0.3777 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

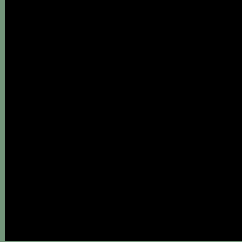
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.5449, 0.3035, 0.3777

Background



This preview shows how black text looks on a background with the Yxy color 26.5449, 0.3035, 0.3777.



This preview shows how white text looks on a background with the Yxy color 26.5449, 0.3035, 0.3777.

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

26.5449, 0.3035, 0.3777

Protanopia

26.3601, 0.3446, 0.3654

Deuteranopia

26.2822, 0.3525, 0.3449



Tritanopia

26.4118, 0.2788, 0.3087

Trichromacy



Original Color

26.5449, 0.3035, 0.3777

Protanomaly

26.2111, 0.3292, 0.3702

Deuteranomaly

26.1407, 0.3337, 0.3557

Tritanomaly

26.4933, 0.2876, 0.3324

Monochromacy



Original Color

26.5449, 0.3035, 0.3777

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

25.2776, 0.3087, 0.3464

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.5449, 0.3035, 0.3777 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(115, 149, 122)` looks like.

```
.text, #text, p{  
    color:rgb(115, 149, 122)  
}
```

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(115, 149, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 149, 122) }
```

Border

The CSS property to change the border of an element to Yxy 26.5449, 0.3035, 0.3777 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(115, 149, 122) }
```

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

```
.border{ border-color:rgb(115, 149, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 149, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 149, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 149, 122);  
box-shadow:4px 4px 4px 4px rgb(115, 149,  
122) }
```


Background

The CSS property to change the background color of an element to Yxy 26.5449, 0.3035, 0.3777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 149, 122) }
```

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

```
.background{ background-color: rgb(115,  
149, 122) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor