

Converting Colors

$Y_{xy}(26.6636, 0.3755, 0.4271)$

Have a look what the booklet for
Yxy(26.6636, 0.3755, 0.4271)
contains.

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Color

Yxy(26.6976, 0.3753, 0.4276)

Conversions

Conversions Part 1

Format	Color
Hex	929054
RGB	146, 144, 84
RGB Percent	57%, 56%, 33%
CMY	0.4273, 0.4353, 0.6706
CMYK	0.00, 0.01, 0.42, 0.43
HSL	58°, 27%, 45%
HSV	58°, 42%, 57%
XYZ	23.4322, 26.6976, 12.3061
YIQ	137.7580, 20.4520, -18.2360

Conversions

Conversions Part 2

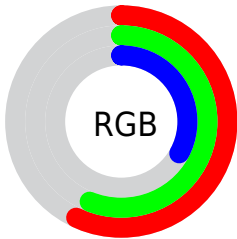
Format	Color
R _{YB}	86, 146, 84
Decimal	9605204
CIE Lab	58.69, -8.44, 32.08
CIE LCh	59, 33.175, 104.733
Yxy	26.6976, 0.3753, 0.4276
Android (android.graphics.Color)	4287795284 (0xFF929054)
YUV	137.7580, -26.5027, 7.2282
Hunter-Lab	51.6697, -9.4723, 22.0478

Details

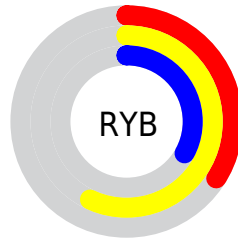
The Yxy color **26.6976, 0.3753, 0.4276** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **10.6242, 0.2369, 0.2066**, and the grayscale version is **25.4180, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.5549, 0.3628, 0.4068**, and **10.5187, 0.3930, 0.4617** is the 20% darker color. If you saturate the color by 10%, you get **26.3481, 0.3887, 0.4483**, and if you desaturate by 10%, it is **27.0979, 0.3608, 0.4050**.

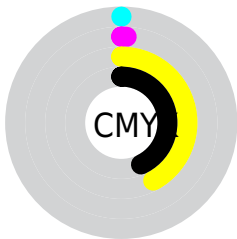
Distribution



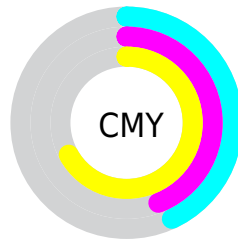
- Red (57%)
- Green (56%)
- Blue (33%)



- Red (34%)
- Yellow (57%)
- Blue (33%)



- Cyan (0%)
- Magenta (1%)
- Yellow (42%)
- Black (43%)





- Cyan (43%)
- Magenta (44%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.6976, 0.3753, 0.4276 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 26.6976, 0.3753, 0.4276 by changing the saturation by 10% instead.

 26.6976, 0.3753,
0.4276


 26.6976, 0.3753,
0.4276


286.1900, 0.3426,
0.3736

 17.3462, 0.3835,
0.4424


 54.3982, 0.3633,
0.4069


 10.4817, 0.3936,
0.4620


 73.5163, 0.3588,
0.3994

 5.7195, 0.4059,
0.4884


 96.6587, 0.3550,
0.3933

 2.6753, 0.4430,
0.5548

 124.2099, 0.3517,
0.3881

 0.9646, 0.4236,
0.5764

 156.5542, 0.3490,
0.3836

 0.0000, 0.0000,
0.0000

194.0760, 0.3465,

0.3798

237.1598, 0.3444,
0.3765

■ 26.6976, 0.3753,
0.4276

■ 26.6976, 0.3753,
0.4276

■ 26.3481, 0.3887,
0.4483

■ 27.0979, 0.3608,
0.4050

■ 26.0426, 0.4006,
0.4663

■ 27.5481, 0.3458,
0.3815

■ 25.7793, 0.4103,
0.4808

■ 28.0518, 0.3308,
0.3578

■ 25.5541, 0.4176,
0.4912

■ 28.6115, 0.3162,
0.3346

■ 25.3627, 0.4224,
0.4976

■ 29.2293, 0.3023,
0.3124

■ 25.2315, 0.4250,
0.5007

■ 29.9074, 0.2892,
0.2914

■ 30.6478, 0.2771,
0.2719

■ 31.4523, 0.2659,
0.2539

■ 32.3227, 0.2558,
0.2374

Harmonies

Analogous

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



26.6976, 0.4133, 0.4013



26.6976, 0.3753, 0.4276



26.6976, 0.3224, 0.4252

Triad

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



26.6976, 0.3753, 0.4276



26.6976, 0.2130, 0.2816



26.6976, 0.3519, 0.2786

Complementary

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



26.6976, 0.3753, 0.4276



10.6242, 0.2369, 0.2066

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.



26.6976, 0.2950, 0.2516



26.6976, 0.3753, 0.4276



26.6976, 0.2191, 0.2504

Square

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



26.6976, 0.3753, 0.4276



26.6976, 0.2304, 0.3321



26.6976, 0.2475, 0.2410



26.6976, 0.4009, 0.3172

Rectangle

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



26.6976, 0.3753, 0.4276



26.6976, 0.2862, 0.4038



26.6976, 0.2475, 0.2410



26.6976, 0.3328, 0.2681

Sweetspot

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



26.6988, 0.3753, 0.4276



49.3876, 0.3320, 0.3597



13.1285, 0.4146, 0.3257



10.9458, 0.3350, 0.3644



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



26.6988, 0.3753, 0.4276



46.4827, 0.3882, 0.4474



24.9965, 0.3408, 0.4430



6.7123, 0.3260, 0.3502



22.1990, 0.4250, 0.5007



0.2800, 0.4219, 0.5032

Inverse Universe

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



10.6242, 0.2369, 0.2066



14.2587, 0.2171, 0.1743



11.9252, 0.2718, 0.2137



5.6617, 0.2989, 0.3069



1.9247, 0.1508, 0.0629



0.0296, 0.1548, 0.0771

Previews

White Background



This preview shows how the Yxy color 26.6976, 0.3753, 0.4276 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 26.6976, 0.3753, 0.4276 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

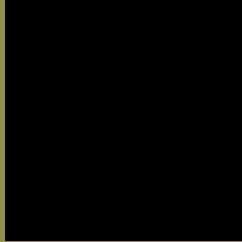
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.6976, 0.3753, 0.4276

Background



This preview shows how black text looks on a background with the Yxy color 26.6976, 0.3753, 0.4276.



This preview shows how white text looks on a background with the Yxy color 26.6976, 0.3753, 0.4276.

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

26.6976, 0.3753, 0.4276

Protanopia

26.6428, 0.3888, 0.4211

Deuteranopia

26.6578, 0.4092, 0.4020



Tritanopia

26.7702, 0.3201, 0.3133

Trichromacy



Original Color

26.6976, 0.3753, 0.4276

Protanomaly

26.6459, 0.3846, 0.4237

Deuteranomaly

26.5142, 0.3973, 0.4110

Tritanomaly

26.6954, 0.3405, 0.3552

Monochromacy



Original Color

26.6976, 0.3753, 0.4276

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

25.7269, 0.3366, 0.3664

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.6976, 0.3753, 0.4276 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(146, 144, 84)` looks like.

```
.text, #text, p{  
    color:rgb(146, 144, 84)  
}
```

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(146, 144, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 144, 84) }
```

Border

The CSS property to change the border of an element to Yxy 26.6976, 0.3753, 0.4276 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(146, 144, 84) }
```

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

```
.border{ border-color:rgb(146, 144, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 144, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 144, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 144, 84);  
box-shadow:4px 4px 4px 4px rgb(146, 144,  
84) }
```


Background

The CSS property to change the background color of an element to Yxy 26.6976, 0.3753, 0.4276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 144, 84) }
```

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

```
.background{ background-color: rgb(146,  
144, 84) }
```

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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