

Converting Colors

$Y_{xy}(26.7696, 0.3023, 0.3851)$

Have a look what the booklet for
Yxy(26.7696, 0.3023, 0.3851)
contains.

Yxy(26.9340, 0.3023, 0.3852)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

$Y_{xy}(26.9340, 0.3023, 0.3852)$

Conversions

Conversions Part 1

Format	Color
Hex	709778
RGB	112, 151, 120
RGB Percent	44%, 59%, 47%
CMY	0.5608, 0.4078, 0.5294
CMYK	0.26, 0.00, 0.21, 0.41
HSL	132°, 16%, 52%
HSV	132°, 26%, 59%
XYZ	21.1375, 26.9340, 21.8507
YIQ	135.8050, -13.2930, -17.9090

Conversions

Conversions Part 2

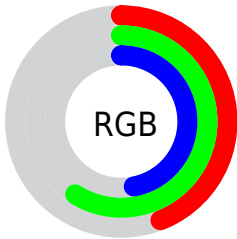
Format	Color
RYB	112, 144, 151
Decimal	7378808
CIELab	58.91, -19.97, 12.07
CIElCh	59, 23.335, 148.859
Yxy	26.9340, 0.3023, 0.3852
Android (android.graphics.Color)	4285568888 (0xFF709778)
YUV	135.8050, -7.7919, -20.8770
Hunter-Lab	51.8980, -18.1204, 11.3657

Details

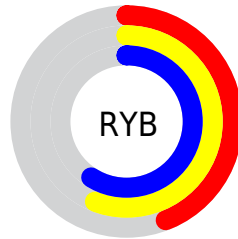
The Yxy color $26.9340, 0.3023, 0.3852$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $20.1497, 0.3252, 0.2787$, and the grayscale version is $24.5768, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.5337, 0.3047, 0.3727$, and $10.6260, 0.2982, 0.4091$ is the 20% darker color. If you saturate the color by 10%, you get $25.7529, 0.2985, 0.4113$, and if you desaturate by 10%, it is $28.3200, 0.3063, 0.3615$.

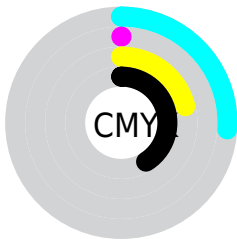
Distribution



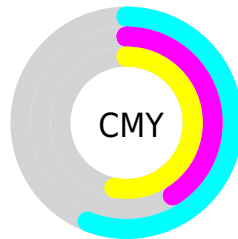
- Red (44%)
- Green (59%)
- Blue (47%)



- Red (44%)
- Yellow (56%)
- Blue (59%)



- Cyan (26%)
- Magenta (0%)
- Yellow (21%)
- Black (41%)




- Cyan (56%)
- Magenta (41%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.9340, 0.3023, 0.3852 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 26.9340, 0.3023, 0.3852 by changing the saturation by 10% instead.


 26.9340, 0.3023,
0.3852


 26.9340, 0.3023,
0.3852


287.3374, 0.3085,
0.3535


 17.5237, 0.3003,
0.3946


 54.7779, 0.3048,
0.3727


 10.6085, 0.2974,
0.4077

 73.9803, 0.3057,
0.3683

 5.8043, 0.2929,
0.4272

 97.2155, 0.3064,
0.3647

 2.7264, 0.2849,
0.4594

 124.8679, 0.3070,
0.3617

 0.9906, 0.2694,
0.5926

157.3219, 0.3074,
0.3592

 0.0000, 0.0000,
0.0000

194.9619, 0.3078,

0.3570

238.1723, 0.3082,
0.3552

■ 26.9340, 0.3023,
0.3852

■ 26.9340, 0.3023,
0.3852

■ 25.7529, 0.2985,
0.4113

■ 28.3200, 0.3063,
0.3615

■ 24.7637, 0.2952,
0.4393

■ 29.9166, 0.3104,
0.3402

■ 23.9572, 0.2926,
0.4685

■ 31.7332, 0.3144,
0.3215

■ 23.3218, 0.2909,
0.4977

■ 33.7779, 0.3182,
0.3051

■ 22.8449, 0.2904,
0.5253

■ 36.0582, 0.3219,
0.2907

■ 22.5119, 0.2911,
0.5499

■ 38.5814, 0.3253,
0.2783

■ 22.3028, 0.2929,
0.5699

■ 41.3544, 0.3286,
0.2675

■ 22.2338, 0.2936,
0.5769

■ 44.3837, 0.3315,
0.2581

■ 47.6759, 0.3343,
0.2500

Harmonies

Analogous

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



26.9340, 0.3412, 0.3994



26.9340, 0.3023, 0.3852



26.9340, 0.2676, 0.3526

Triad

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



26.9340, 0.3023, 0.3852



26.9340, 0.2532, 0.2675



26.9340, 0.3846, 0.3366

Complementary

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



26.9340, 0.3023, 0.3852



20.1497, 0.3252, 0.2787

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.



26.9340, 0.3581, 0.3056



26.9340, 0.3023, 0.3852



26.9340, 0.2813, 0.2670

Square

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



26.9340, 0.3023, 0.3852



26.9340, 0.2406, 0.2838



26.9340, 0.3195, 0.2808



26.9340, 0.3903, 0.3678

Rectangle

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



26.9340, 0.3023, 0.3852



26.9340, 0.2512, 0.3269



26.9340, 0.3195, 0.2808



26.9340, 0.3778, 0.3259

Sweetspot

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



26.9351, 0.3023, 0.3852



52.8734, 0.3094, 0.3449



29.1625, 0.3420, 0.3934



11.9229, 0.3088, 0.3479



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



26.9351, 0.3023, 0.3852



46.9658, 0.3001, 0.4000



27.4522, 0.2856, 0.3495



6.9453, 0.3090, 0.3472



18.9168, 0.2933, 0.5760



0.2872, 0.2746, 0.5087

Inverse Universe

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



20.1497, 0.3252, 0.2787



32.7006, 0.3287, 0.2672



19.6139, 0.3499, 0.3095



6.3019, 0.3167, 0.3115



6.7558, 0.3792, 0.1863



0.1059, 0.3493, 0.1698

Previews

White Background



This preview shows how the Yxy color 26.9340, 0.3023, 0.3852 looks on a white background.

Color Contrast Check

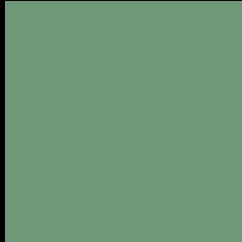
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.9340, 0.3023, 0.3852 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

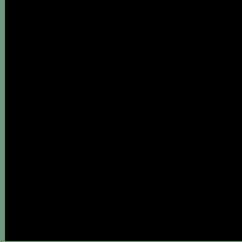
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.9340, 0.3023, 0.3852

Background



This preview shows how black text looks on a background with the Yxy color 26.9340, 0.3023, 0.3852.



This preview shows how white text looks on a background with the Yxy color 26.9340, 0.3023, 0.3852.

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

26.9340, 0.3023, 0.3852

Protanopia

26.7716, 0.3498, 0.3717

Deuteranopia

26.6154, 0.3556, 0.3496



Tritanopia

26.9483, 0.2756, 0.3087

Trichromacy



Original Color

26.9340, 0.3023, 0.3852

Protanomaly

26.7694, 0.3308, 0.3769

Deuteranomaly

26.2945, 0.3344, 0.3609

Tritanomaly

26.9064, 0.2849, 0.3359

Monochromacy



Original Color

26.9340, 0.3023, 0.3852

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

25.1735, 0.3086, 0.3483

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.9340, 0.3023, 0.3852 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, 151, 120)` looks like.

```
.text, #text, p{  
    color:rgb(112, 151, 120)  
}
```

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, 151, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 151, 120) }
```

Border

The CSS property to change the border of an element to Yxy 26.9340, 0.3023, 0.3852 is called "border". The border property can be set on classes, ids or directly on the HTML element.

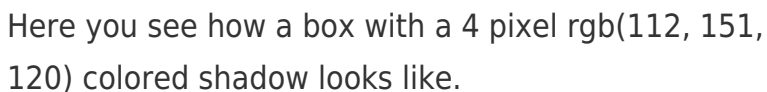
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(112, 151, 120) }
```

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

```
.border{ border-color:rgb(112, 151, 120) }
```

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



Here you see how a box with a 4 pixel `rgb(112, 151, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(112, 151, 120); -webkit-box-shadow:4px 4px 4px 4px rgb(112, 151, 120); box-shadow:4px 4px 4px 4px rgb(112, 151, 120) }
```


Background

The CSS property to change the background color of an element to Yxy 26.9340, 0.3023, 0.3852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 151, 120) }
```

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

```
.background{ background-color: rgb(112,  
151, 120) }
```

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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