

Converting Colors

$Yxy(28.5850, 0.3025, 0.3668)$

Have a look what the booklet for
Yxy(28.5850, 0.3025, 0.3668)
contains.

Yxy(28.5587, 0.3022, 0.3670)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

$Yxy(28.5587, 0.3022, 0.3670)$

Conversions

Conversions Part 1

Format	Color
Hex	7A9983
RGB	122, 153, 131
RGB Percent	48%, 60%, 51%
CMY	0.5215, 0.4000, 0.4863
CMYK	0.20, 0.00, 0.14, 0.40
HSL	137°, 13%, 54%
HSV	137°, 20%, 60%
XYZ	23.5162, 28.5587, 25.7417
YIQ	141.2230, -11.4140, -13.4140

Conversions

Conversions Part 2

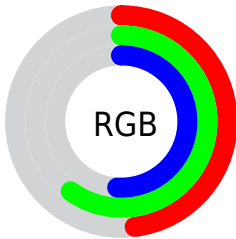
Format	Color
R_{YB}	122, 146, 153
Decimal	8034691
CIE _{Lab}	60.39, -15.38, 8.04
CIE _{LCh}	60, 17.351, 152.397
Yxy	28.5587, 0.3022, 0.3670
Android (android.graphics.Color)	4286224771 (0xFF7A9983)
YUV	141.2230, -5.0399, -16.8586
Hunter-Lab	53.4403, -14.9725, 8.8488

Details

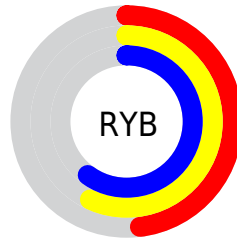
The Yxy color **28.5587, 0.3022, 0.3670** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **22.7127, 0.3251, 0.2938**, and the grayscale version is **26.7537, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.2003, 0.3047, 0.3582**, and **11.5284, 0.2979, 0.3807** is the 20% darker color. If you saturate the color by 10%, you get **27.2498, 0.2973, 0.3891**, and if you desaturate by 10%, it is **30.0768, 0.3074, 0.3471**.

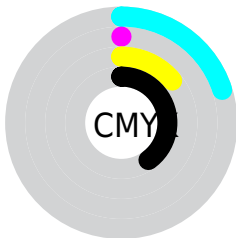
Distribution



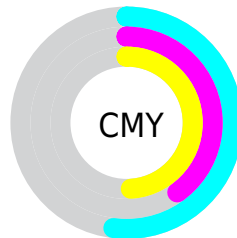
- Red (48%)
- Green (60%)
- Blue (51%)



- Red (48%)
- Yellow (57%)
- Blue (60%)



- Cyan (20%)
- Magenta (0%)
- Yellow (14%)
- Black (40%)





- Cyan (52%)
- Magenta (40%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.5587, 0.3022, 0.3670 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 28.5587, 0.3022, 0.3670 by changing the saturation by 10% instead.


 28.5587, 0.3022,
0.3670


 28.5587, 0.3022,
0.3670


295.1270, 0.3081,
0.3460


 18.7472, 0.3004,
0.3731


 57.3752, 0.3045,
0.3588

 11.4878, 0.2980,
0.3814


 77.1490, 0.3054,
0.3559

 6.3959, 0.2943,
0.3937


 101.0125, 0.3060,
0.3535

 3.0873, 0.2883,
0.4134

129.3498, 0.3066,
0.3515

 1.1775, 0.2776,
0.4554

162.5456, 0.3071,
0.3498

 0.0432, 0.0000,
1.0000

200.9841, 0.3075,

 0.0000, 0.0000,

0.3483

0.0000

245.0498, 0.3078,
0.3471

■ 28.5587, 0.3022,
0.3670

■ 28.5587, 0.3022,
0.3670

■ 27.2498, 0.2973,
0.3891

■ 30.0768, 0.3074,
0.3471

■ 26.1373, 0.2928,
0.4131

■ 31.8091, 0.3126,
0.3294

■ 25.2126, 0.2890,
0.4388

■ 33.7649, 0.3177,
0.3138

■ 24.4649, 0.2862,
0.4654

■ 35.9517, 0.3227,
0.3001

■ 23.8824, 0.2848,
0.4920

■ 38.3770, 0.3274,
0.2881

■ 23.4518, 0.2848,
0.5174

■ 41.0477, 0.3319,
0.2777

■ 23.1576, 0.2864,
0.5404

■ 43.9704, 0.3362,
0.2687

■ 22.9658, 0.2888,
0.5597

■ 47.1516, 0.3401,
0.2608

■ 49.6901, 0.3397,
0.2528

Harmonies

Analogous

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



28.5587, 0.3308, 0.3793



28.5587, 0.3022, 0.3670



28.5587, 0.2772, 0.3430

Triad

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



28.5587, 0.3022, 0.3670



28.5587, 0.2707, 0.2829



28.5587, 0.3662, 0.3382

Complementary

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



28.5587, 0.3022, 0.3670



22.7127, 0.3251, 0.2938

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.



28.5587, 0.3487, 0.3145



28.5587, 0.3022, 0.3670



28.5587, 0.2929, 0.2835

Square

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



28.5587, 0.3022, 0.3670



28.5587, 0.2596, 0.2942



28.5587, 0.3215, 0.2949



28.5587, 0.3686, 0.3607

Rectangle

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



28.5587, 0.3022, 0.3670



28.5587, 0.2657, 0.3247



28.5587, 0.3215, 0.2949



28.5587, 0.3619, 0.3301

Sweetspot

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



28.5599, 0.3022, 0.3670



55.0974, 0.3095, 0.3395



30.1371, 0.3330, 0.3794



12.1270, 0.3092, 0.3406



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.



28.5599, 0.3022, 0.3670



50.1117, 0.3001, 0.3761



29.0058, 0.2889, 0.3402



6.9535, 0.3079, 0.3452



18.9865, 0.2884, 0.5584



0.2896, 0.2665, 0.4795

Inverse Universe

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



22.7127, 0.3251, 0.2938



37.8209, 0.3283, 0.2862



22.2760, 0.3433, 0.3181



6.2932, 0.3179, 0.3133



6.5108, 0.4083, 0.2023



0.1035, 0.3626, 0.1771

Previews

White Background



This preview shows how the Yxy color 28.5587, 0.3022, 0.3670 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 28.5587, 0.3022, 0.3670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

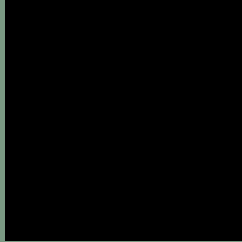
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.5587, 0.3022, 0.3670

Background



This preview shows how black text looks on a background with the Yxy color 28.5587, 0.3022, 0.3670.



This preview shows how white text looks on a background with the Yxy color 28.5587, 0.3022, 0.3670.

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

28.5587, 0.3022, 0.3670

Protanopia

28.4585, 0.3384, 0.3579

Deuteranopia

28.3699, 0.3457, 0.3383



Tritanopia

28.5801, 0.2807, 0.3094

Trichromacy



Original Color

28.5587, 0.3022, 0.3670

Protanomaly

28.4010, 0.3247, 0.3621

Deuteranomaly

28.3338, 0.3289, 0.3484

Tritanomaly

28.3747, 0.2883, 0.3289

Monochromacy



Original Color

28.5587, 0.3022, 0.3670

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

27.1253, 0.3090, 0.3424

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.5587, 0.3022, 0.3670 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(122, 153, 131)` looks like.

```
.text, #text, p{  
    color:rgb(122, 153, 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(122, 153, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 153, 131) }
```

Border

The CSS property to change the border of an element to Yxy 28.5587, 0.3022, 0.3670 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(122, 153, 131) }
```

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

```
.border{ border-color:rgb(122, 153, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 153, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(122, 153, 131); -webkit-box-shadow:4px 4px 4px 4px rgb(122, 153, 131); box-shadow:4px 4px 4px 4px rgb(122, 153, 131) }
```


Background

The CSS property to change the background color of an element to Yxy 28.5587, 0.3022, 0.3670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 153, 131) }
```

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

```
.background{ background-color: rgb(122,  
153, 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](#).

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