

Converting Colors

$Yxy(28.4832, 0.3009, 0.3667)$

Have a look what the booklet for
Yxy(28.4832, 0.3009, 0.3667)
contains.

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Color

$\text{Yxy}(28.4861, 0.3012, 0.3671)$

Conversions

Conversions Part 1

Format	Color
Hex	799983
RGB	121, 153, 131
RGB Percent	47%, 60%, 51%
CMY	0.5255, 0.4000, 0.4863
CMYK	0.21, 0.00, 0.14, 0.40
HSL	139°, 14%, 54%
HSV	139°, 21%, 60%
XYZ	23.3724, 28.4861, 25.7391
YIQ	140.9240, -12.0100, -13.6260

Conversions

Conversions Part 2

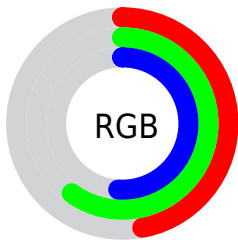
Format	Color
RYB	121, 145, 153
Decimal	7969155
CIELab	60.33, -15.74, 7.93
CIElCh	60, 17.624, 153.252
Yxy	28.4861, 0.3012, 0.3671
Android (android.graphics.Color)	4286159235 (0xFF799983)
YUV	140.9240, -4.8925, -17.4733
Hunter-Lab	53.3724, -15.2343, 8.7677

Details

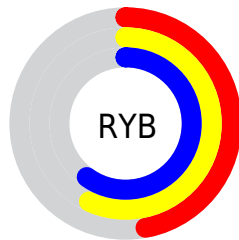
The Yxy color $28.4861, 0.3012, 0.3671$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $22.4293, 0.3265, 0.2937$, and the grayscale version is $26.6278, 0.3127, 0.3290$.

A 20% lighter version of the original color is $57.0850, 0.3039, 0.3583$, and $11.4897, 0.2966, 0.3809$ is the 20% darker color. If you saturate the color by 10%, you get $27.1973, 0.2960, 0.3885$, and if you desaturate by 10%, it is $29.9816, 0.3067, 0.3477$.

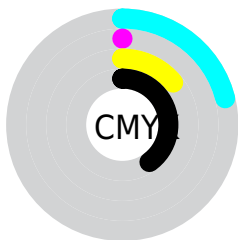
Distribution



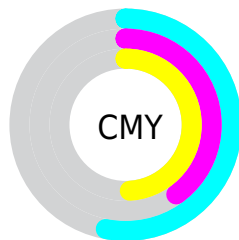
- Red (47%)
- Green (60%)
- Blue (51%)



- Red (47%)
- Yellow (57%)
- Blue (60%)



- Cyan (21%)
- Magenta (0%)
- Yellow (14%)
- Black (40%)



- Cyan (53%)
- Magenta (40%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 28.4861, 0.3012, 0.3671 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 28.4861, 0.3012, 0.3671 by changing the saturation by 10% instead.

■ 28.4861, 0.3012,
0.3671

■ 28.4861, 0.3012,
0.3671

■ 294.7824, 0.3077,
0.3460

■ 18.6924, 0.2993,
0.3732

■ 57.2596, 0.3038,
0.3589

■ 11.4482, 0.2966,
0.3816

■ 77.0082, 0.3046,
0.3559

■ 6.3692, 0.2927,
0.3939

■ 100.8439, 0.3054,
0.3536

■ 3.0708, 0.2862,
0.4137

■ 129.1510, 0.3060,
0.3515

■ 1.1688, 0.2742,
0.4564

■ 162.3141, 0.3065,
0.3498

■ 0.0360, 0.0000,
1.0000

■ 200.7174, 0.3070,

■ 0.0000, 0.0000,

0.3484

0.0000

244.7454, 0.3073,
0.3471

■ 28.4861, 0.3012,
0.3671

■ 28.4861, 0.3012,
0.3671

■ 27.1973, 0.2960,
0.3885

■ 29.9816, 0.3067,
0.3477

■ 26.1025, 0.2913,
0.4119

■ 31.6886, 0.3122,
0.3305

■ 25.1931, 0.2874,
0.4368

■ 33.6165, 0.3177,
0.3152

■ 24.4584, 0.2846,
0.4627

■ 35.7729, 0.3230,
0.3019

■ 23.8865, 0.2831,
0.4885

■ 38.1650, 0.3281,
0.2901

■ 23.4641, 0.2832,
0.5134

■ 40.7997, 0.3329,
0.2799

■ 23.1757, 0.2849,
0.5360

■ 43.6836, 0.3375,
0.2711

■ 22.9960, 0.2872,
0.5540

■ 46.8232, 0.3418,
0.2633

■ 49.5163, 0.3425,
0.2558

Harmonies

Analogous

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



28.4861, 0.3303, 0.3800



28.4861, 0.3012, 0.3671



28.4861, 0.2760, 0.3425

Triad

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



28.4861, 0.3012, 0.3671



28.4861, 0.2705, 0.2820



28.4861, 0.3674, 0.3390

Complementary

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



28.4861, 0.3012, 0.3671



22.4293, 0.3265, 0.2937

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.



28.4861, 0.3500, 0.3149



28.4861, 0.3012, 0.3671



28.4861, 0.2934, 0.2830

Square

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



28.4861, 0.3012, 0.3671



28.4861, 0.2589, 0.2931



28.4861, 0.3224, 0.2949



28.4861, 0.3694, 0.3618

Rectangle

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



28.4861, 0.3012, 0.3671



28.4861, 0.2646, 0.3239



28.4861, 0.3224, 0.2949



28.4861, 0.3632, 0.3308

Sweetspot

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



28.4873, 0.3012, 0.3671



55.1096, 0.3093, 0.3392



30.0399, 0.3331, 0.3813



12.1299, 0.3090, 0.3402



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.



28.4873, 0.3012, 0.3671



49.9133, 0.2988, 0.3767



28.9427, 0.2877, 0.3397



6.9558, 0.3076, 0.3447



19.0100, 0.2869, 0.5527



0.2902, 0.2645, 0.4721

Inverse Universe

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



22.4293, 0.3265, 0.2937



37.1125, 0.3302, 0.2857



21.9888, 0.3453, 0.3186



6.2907, 0.3182, 0.3138



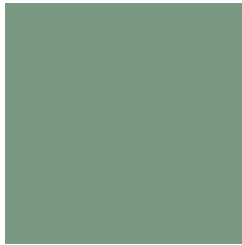
6.4492, 0.4168, 0.2070



0.1029, 0.3666, 0.1793

Previews

White Background



This preview shows how the Yxy color 28.4861, 0.3012, 0.3671 looks on a white background.

Color Contrast Check

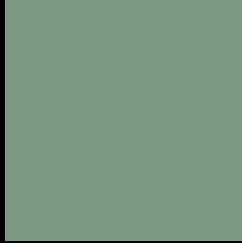
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.4861, 0.3012, 0.3671 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

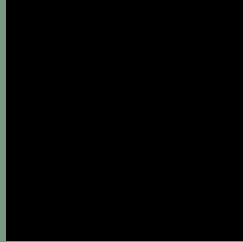
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.4861, 0.3012, 0.3671

Background



This preview shows how black text looks on a background with the Yxy color 28.4861, 0.3012, 0.3671.



This preview shows how white text looks on a background with the Yxy color 28.4861, 0.3012, 0.3671.

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

28.4861, 0.3012, 0.3671

Protanopia

28.4585, 0.3384, 0.3579

Deuteranopia

28.2639, 0.3446, 0.3383



Tritanopia

28.5037, 0.2798, 0.3093

Trichromacy



Original Color

28.4861, 0.3012, 0.3671

Protanomaly

28.4010, 0.3247, 0.3621

Deuteranomaly

28.2402, 0.3278, 0.3484

Tritanomaly

28.2998, 0.2874, 0.3289

Monochromacy



Original Color

28.4861, 0.3012, 0.3671

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 28.4861, 0.3012, 0.3671 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(121, 153, 131)` looks like.

```
.text, #text, p{  
    color:rgb(121, 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(121, 153, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 153, 131) }
```

Border

The CSS property to change the border of an element to Yxy 28.4861, 0.3012, 0.3671 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(121, 153, 131) }
```

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

```
.border{ border-color:rgb(121, 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(121, 153, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 153, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 153, 131);  
box-shadow:4px 4px 4px 4px rgb(121, 153,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 28.4861, 0.3012, 0.3671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 153, 131) }
```

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

```
.background{ background-color: rgb(121,  
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](#).

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