

Converting Colors

$Y_{xy}(28.3026, 0.3021, 0.3865)$

Have a look what the booklet for
Yxy(28.3026, 0.3021, 0.3865)
contains.

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Color

$Y_{xy}(28.4252, 0.3024, 0.3876)$

Conversions

Conversions Part 1

Format	Color
Hex	729B7A
RGB	114, 155, 122
RGB Percent	45%, 61%, 48%
CMY	0.5528, 0.3922, 0.5215
CMYK	0.26, 0.00, 0.21, 0.39
HSL	132°, 17%, 53%
HSV	132°, 26%, 61%
XYZ	22.1769, 28.4252, 22.7343
YIQ	138.9790, -13.8430, -18.9550

Conversions

Conversions Part 2

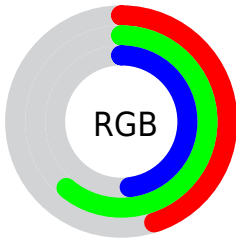
Format	Color
RYB	114, 148, 155
Decimal	7510906
CIELab	60.27, -20.94, 12.85
CIElCh	60, 24.567, 148.460
Yxy	28.4252, 0.3024, 0.3876
Android (android.graphics.Color)	4285700986 (0xFF729B7A)
YUV	138.9790, -8.3706, -21.9066
Hunter-Lab	53.3153, -19.0532, 12.0387

Details

The Yxy color $28.4252, 0.3024, 0.3876$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $21.1163, 0.3251, 0.2768$, and the grayscale version is $25.8500, 0.3127, 0.3290$.

A 20% lighter version of the original color is $57.3647, 0.3054, 0.3758$, and $11.5055, 0.2984, 0.4120$ is the 20% darker color. If you saturate the color by 10%, you get $27.1835, 0.2988, 0.4142$, and if you desaturate by 10%, it is $29.8852, 0.3063, 0.3633$.

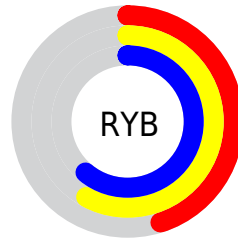
Distribution



Red (45%)

Green (61%)

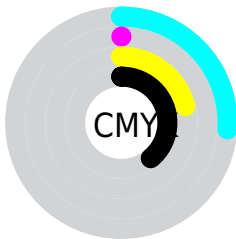
Blue (48%)



Red (45%)

Yellow (58%)

Blue (61%)

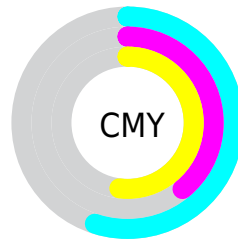


Cyan (26%)

Magenta (0%)

Yellow (21%)

Black (39%)



Cyan (55%)


Magenta (39%)

Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.4252, 0.3024, 0.3876 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 28.4252, 0.3024, 0.3876 by changing the saturation by 10% instead.


 28.4252, 0.3024,
0.3876


 28.4252, 0.3024,
0.3876


294.4931, 0.3085,
0.3548


 18.6464, 0.3004,
0.3972


 57.1626, 0.3049,
0.3747


 11.4151, 0.2976,
0.4105


 76.8900, 0.3058,
0.3702

 6.3467, 0.2932,
0.4302


 100.7024, 0.3065,
0.3665

 3.0571, 0.2854,
0.4622

 128.9842, 0.3070,
0.3634

 1.1616, 0.2751,
0.5609

162.1197, 0.3075,
0.3607

 0.0300, 0.0000,
1.0000

200.4935, 0.3079,

 0.0000, 0.0000,

0.3585

0.0000

244.4898, 0.3082,
0.3565

■ 28.4252, 0.3024,
0.3876

■ 28.4252, 0.3024,
0.3876

■ 27.1835, 0.2988,
0.4142

■ 29.8852, 0.3063,
0.3633

■ 26.1460, 0.2955,
0.4428

■ 31.5695, 0.3102,
0.3416

■ 25.3029, 0.2930,
0.4724

■ 33.4885, 0.3141,
0.3224

■ 24.6416, 0.2915,
0.5018

■ 35.6507, 0.3178,
0.3056

■ 24.1485, 0.2910,
0.5295

■ 38.0642, 0.3214,
0.2910

■ 23.8077, 0.2918,
0.5538

■ 40.7368, 0.3247,
0.2783

■ 23.5966, 0.2936,
0.5732

■ 43.6759, 0.3278,
0.2673

■ 23.5364, 0.2942,
0.5790

■ 46.8887, 0.3307,
0.2577

■ 50.3820, 0.3333,
0.2495

Harmonies

Analogous

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



28.4252, 0.3426, 0.4019



28.4252, 0.3024, 0.3876



28.4252, 0.2665, 0.3539

Triad

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



28.4252, 0.3024, 0.3876



28.4252, 0.2510, 0.2656



28.4252, 0.3869, 0.3363

Complementary

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



28.4252, 0.3024, 0.3876



21.1163, 0.3251, 0.2768

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.



28.4252, 0.3591, 0.3044



28.4252, 0.3024, 0.3876



28.4252, 0.2797, 0.2650

Square

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



28.4252, 0.3024, 0.3876



28.4252, 0.2383, 0.2825



28.4252, 0.3192, 0.2790



28.4252, 0.3930, 0.3685

Rectangle

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



28.4252, 0.3024, 0.3876



28.4252, 0.2495, 0.3272



28.4252, 0.3192, 0.2790



28.4252, 0.3797, 0.3253

Sweetspot

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



28.4264, 0.3024, 0.3876



55.9907, 0.3095, 0.3452



30.9052, 0.3435, 0.3949



12.5721, 0.3090, 0.3482



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



28.4264, 0.3024, 0.3876



49.4882, 0.3001, 0.4038



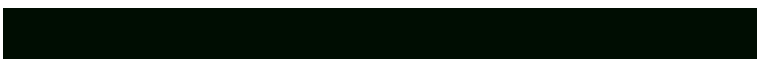
28.9746, 0.2855, 0.3513



6.9443, 0.3091, 0.3474



18.9100, 0.2938, 0.5778



0.2869, 0.2757, 0.5125

Inverse Universe

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



21.1163, 0.3251, 0.2768



34.0364, 0.3287, 0.2643



20.5417, 0.3502, 0.3079



6.3030, 0.3165, 0.3113



6.7875, 0.3759, 0.1844



0.1062, 0.3478, 0.1689

Previews

White Background



This preview shows how the Yxy color 28.4252, 0.3024, 0.3876 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 28.4252, 0.3024, 0.3876 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

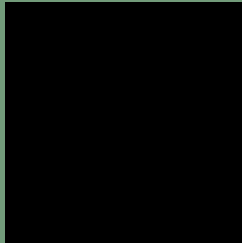
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.4252, 0.3024, 0.3876

Background



This preview shows how black text looks on a background with the Yxy color 28.4252, 0.3024, 0.3876.



This preview shows how white text looks on a background with the Yxy color 28.4252, 0.3024, 0.3876.

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

28.4252, 0.3024, 0.3876

Protanopia

28.4052, 0.3509, 0.3739

Deuteranopia

28.0529, 0.3582, 0.3506



Tritanopia

28.4863, 0.2747, 0.3091

Trichromacy



Original Color

28.4252, 0.3024, 0.3876

Protanomaly

28.3158, 0.3312, 0.3793

Deuteranomaly

27.9091, 0.3359, 0.3634

Tritanomaly

28.4146, 0.2846, 0.3374

Monochromacy



Original Color

28.4252, 0.3024, 0.3876

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

26.6901, 0.3086, 0.3496

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.4252, 0.3024, 0.3876 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(114, 155, 122)` looks like.

```
.text, #text, p{  
    color:rgb(114, 155, 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(114, 155, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 155, 122) }
```

Border

The CSS property to change the border of an element to Yxy 28.4252, 0.3024, 0.3876 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(114, 155, 122) }
```

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

```
.border{ border-color:rgb(114, 155, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 155, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 155, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 155, 122);  
box-shadow:4px 4px 4px 4px rgb(114, 155,  
122) }
```


Background

The CSS property to change the background color of an element to Yxy 28.4252, 0.3024, 0.3876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 155, 122) }
```

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

```
.background{ background-color: rgb(114,  
155, 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](#).

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