

Converting Colors

$Y_{xy}(29.2616, 0.2754, 0.3287)$

Have a look what the booklet for
Yxy(29.2616, 0.2754, 0.3287)
contains.

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Color

Yxy(29.3867, 0.2751, 0.3289)

Conversions

Conversions Part 1

Format	Color
Hex	729B9B
RGB	114, 155, 155
RGB Percent	45%, 61%, 61%
CMY	0.5528, 0.3922, 0.3922
CMYK	0.26, 0.00, 0.00, 0.39
HSL	180°, 17%, 53%
HSV	180°, 26%, 61%
XYZ	24.5798, 29.3867, 35.3820
YIQ	142.7410, -24.4360, -8.6920

Conversions

Conversions Part 2

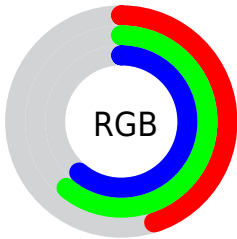
Format	Color
RYB	114, 135, 155
Decimal	7510939
CIELab	61.12, -13.87, -4.53
CIELCh	61, 14.588, 198.102
Yxy	29.3867, 0.2751, 0.3289
Android (android.graphics.Color)	4285701019 (0xFF729B9B)
YUV	142.7410, 6.0437, -25.2059
Hunter-Lab	54.2095, -13.9309, -0.7513

Details

The Yxy color $29.3867, 0.2751, 0.3289$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $20.2271, 0.3674, 0.3292$, and the grayscale version is $27.3454, 0.3127, 0.3290$.

A 20% lighter version of the original color is $58.9121, 0.2830, 0.3302$, and $11.9901, 0.2623, 0.3289$ is the 20% darker color. If you saturate the color by 10%, you get $28.4346, 0.2629, 0.3289$, and if you desaturate by 10%, it is $30.5174, 0.2886, 0.3289$.

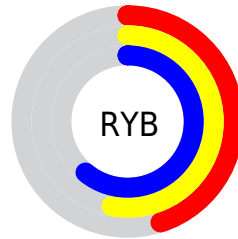
Distribution



Red (45%)

Green (61%)

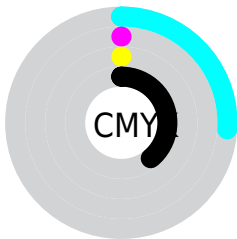
Blue (61%)



Red (45%)

Yellow (53%)

Blue (61%)

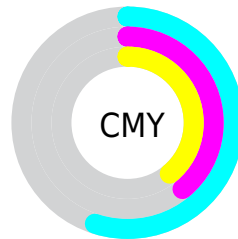


Cyan (26%)

Magenta (0%)

Yellow (0%)

Black (39%)



Cyan (55%)


Magenta (39%)

Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.3867, 0.2751, 0.3289 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 29.3867, 0.2751, 0.3289 by changing the saturation by 10% instead.


 29.3867, 0.2751,
0.3289

 29.3867, 0.2751,
0.3289


299.0352, 0.2952,
0.3292


 19.3735, 0.2696,
0.3287


 58.6909, 0.2827,
0.3291

 11.9405, 0.2623,
0.3284


 78.7508, 0.2855,
0.3291

 6.7032, 0.2520,
0.3278


 102.9283, 0.2878,
0.3292

 3.2772, 0.2366,
0.3267

 131.6079, 0.2897,
0.3292

 1.2781, 0.2107,
0.3238

165.1740, 0.2914,
0.3292

 0.1241, 0.0000,
0.2155

204.0110, 0.2928,

 0.0000, 0.0000,

0.3292

0.0000

248.5033, 0.2941,
0.3292

■ 29.3867, 0.2751,
0.3289

■ 29.3867, 0.2751,
0.3289

■ 28.4346, 0.2629,
0.3289

■ 30.5174, 0.2886,
0.3289

■ 27.6485, 0.2522,
0.3288

■ 31.8312, 0.3030,
0.3290

■ 27.0201, 0.2432,
0.3288

■ 33.3373, 0.3182,
0.3290

■ 26.5387, 0.2361,
0.3288

■ 35.0427, 0.3338,
0.3291

■ 26.1924, 0.2308,
0.3288

■ 36.9544, 0.3496,
0.3291

■ 25.9673, 0.2272,
0.3288

■ 39.0791, 0.3654,
0.3291

■ 25.8431, 0.2252,
0.3288

■ 41.4229, 0.3809,
0.3292

■ 25.8073, 0.2247,
0.3288

■ 43.9919, 0.3960,
0.3292

■ 46.7920, 0.4105,
0.3293

Harmonies

Analogous

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



29.3867, 0.2924, 0.3509



29.3867, 0.2751, 0.3289



29.3867, 0.2677, 0.3080

Triad

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



29.3867, 0.2751, 0.3289



29.3867, 0.3085, 0.2947



29.3867, 0.3550, 0.3635

Complementary

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



29.3867, 0.2751, 0.3289



20.2271, 0.3674, 0.3292

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.



29.3867, 0.3599, 0.3472



29.3867, 0.2751, 0.3289



29.3867, 0.3325, 0.3084

Square

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



29.3867, 0.2751, 0.3289



29.3867, 0.2864, 0.2893



29.3867, 0.3516, 0.3273



29.3867, 0.3385, 0.3711

Rectangle

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



29.3867, 0.2751, 0.3289



29.3867, 0.2691, 0.2975



29.3867, 0.3516, 0.3273



29.3867, 0.3581, 0.3588

Sweetspot

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



29.3879, 0.2751, 0.3289



56.5774, 0.3005, 0.3290



28.2834, 0.3099, 0.4022



12.7270, 0.2984, 0.3290



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.



29.3879, 0.2751, 0.3289



51.5383, 0.2674, 0.3289



23.3300, 0.2719, 0.2944



7.0265, 0.2989, 0.3290



20.7294, 0.2247, 0.3288



0.3099, 0.2247, 0.3288

Inverse Universe

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



20.2271, 0.3674, 0.3292



32.1734, 0.3854, 0.3292



25.1885, 0.3594, 0.3613



6.2227, 0.3283, 0.3290



5.5973, 0.6400, 0.3300



0.0837, 0.6399, 0.3299

Previews

White Background



This preview shows how the Yxy color 29.3867, 0.2751, 0.3289 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 29.3867, 0.2751, 0.3289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

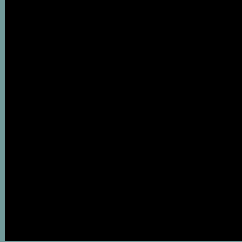
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.3867, 0.2751, 0.3289

Background



This preview shows how black text looks on a background with the Yxy color 29.3867, 0.2751, 0.3289.

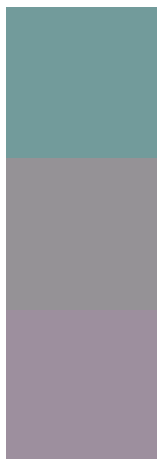


This preview shows how white text looks on a background with the Yxy color 29.3867, 0.2751, 0.3289.

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

29.3867, 0.2751, 0.3289

Protanopia

29.1493, 0.3120, 0.3227

Deuteranopia

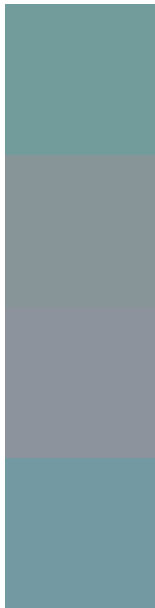
29.2816, 0.3127, 0.3063



Tritanopia

29.2486, 0.2679, 0.3075

Trichromacy



Original Color

29.3867, 0.2751, 0.3289

Protanomaly

28.9961, 0.2970, 0.3241

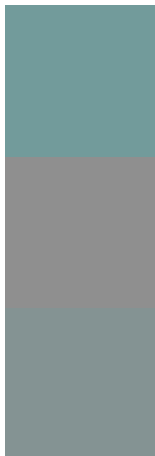
Deuteranomaly

28.9645, 0.2973, 0.3131

Tritanomaly

29.3647, 0.2703, 0.3156

Monochromacy



Original Color

29.3867, 0.2751, 0.3289

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

27.8796, 0.2975, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.3867, 0.2751, 0.3289 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, 155)` looks like.

```
.text, #text, p{  
    color:rgb(114, 155, 155)  
}
```

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, 155) colored shadow looks like.

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

Border

The CSS property to change the border of an element to Yxy 29.3867, 0.2751, 0.3289 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, 155) }
```

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

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

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, 155) colored shadow looks like.

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


Background

The CSS property to change the background color of an element to Yxy 29.3867, 0.2751, 0.3289 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, 155) }
```

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

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

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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