

Converting Colors

$Y_{xy}(29.2481, 0.2862, 0.3399)$

Have a look what the booklet for
Yxy(29.2481, 0.2862, 0.3399)
contains.

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Color

Yxy(29.2424, 0.2858, 0.3390)

Conversions

Conversions Part 1

Format	Color
Hex	789A94
RGB	120, 154, 148
RGB Percent	47%, 60%, 58%
CMY	0.5292, 0.3961, 0.4196
CMYK	0.22, 0.00, 0.04, 0.40
HSL	169°, 14%, 54%
HSV	169°, 22%, 60%
XYZ	24.6533, 29.2424, 32.3650
YIQ	143.1500, -18.3380, -9.0740

Conversions

Conversions Part 2

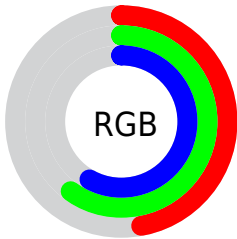
Format	Color
RYB	120, 139, 154
Decimal	7903892
CIELab	60.99, -13.00, -0.73
CIELCh	61, 13.024, 183.194
Yxy	29.2424, 0.2858, 0.3390
Android (android.graphics.Color)	4286093972 (0xFF789A94)
YUV	143.1500, 2.3911, -20.3025
Hunter-Lab	54.0762, -13.2554, 2.3679

Details

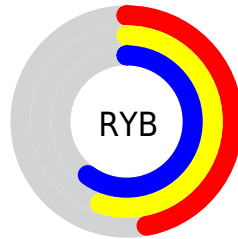
The Yxy color **29.2424, 0.2858, 0.3390** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **21.8243, 0.3484, 0.3193**, and the grayscale version is **27.5321, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.2603, 0.2913, 0.3364**, and **11.8657, 0.2764, 0.3440** is the 20% darker color. If you saturate the color by 10%, you get **28.1440, 0.2748, 0.3442**, and if you desaturate by 10%, it is **30.5223, 0.2977, 0.3342**.

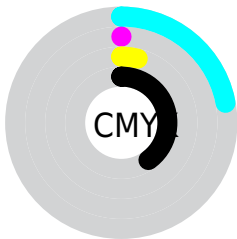
Distribution



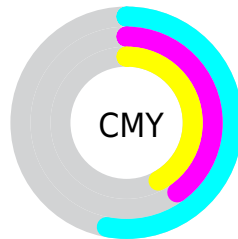
- Red (47%)
- Green (60%)
- Blue (58%)



- Red (47%)
- Yellow (55%)
- Blue (60%)



- Cyan (22%)
- Magenta (0%)
- Yellow (4%)
- Black (40%)





- Cyan (53%)
- Magenta (40%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.2424, 0.2858, 0.3390 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 29.2424, 0.2858, 0.3390 by changing the saturation by 10% instead.

 29.2424, 0.2858,
0.3390


 29.2424, 0.2858,
0.3390


298.3570, 0.3003,
0.3337


 19.2643, 0.2818,
0.3405


 58.4620, 0.2913,
0.3370

 11.8614, 0.2765,
0.3424


 78.4722, 0.2933,
0.3362

 6.6494, 0.2688,
0.3452


 102.5953, 0.2950,
0.3356

 3.2438, 0.2572,
0.3493

131.2156, 0.2964,
0.3351

 1.2603, 0.2373,
0.3563

164.7175, 0.2975,
0.3347

 0.1101, 0.0000,
0.3922

203.4855, 0.2986,

 0.0000, 0.0000,

0.3343

0.0000

247.9038, 0.2995,
0.3340

■ 29.2424, 0.2858,
0.3390

■ 29.2424, 0.2858,
0.3390

■ 28.1440, 0.2748,
0.3442

■ 30.5223, 0.2977,
0.3342

■ 27.2151, 0.2650,
0.3497

■ 31.9880, 0.3101,
0.3298

■ 26.4477, 0.2566,
0.3555

■ 33.6482, 0.3230,
0.3259

■ 25.8317, 0.2498,
0.3615

■ 35.5098, 0.3360,
0.3223

■ 25.3562, 0.2449,
0.3677

■ 37.5795, 0.3489,
0.3192

■ 25.0083, 0.2418,
0.3739

■ 39.8636, 0.3617,
0.3164

■ 24.7730, 0.2405,
0.3801

■ 42.3683, 0.3741,
0.3140

■ 24.6359, 0.2403,
0.3851

■ 45.0994, 0.3862,
0.3119

■ 47.3632, 0.3944,
0.3098

Harmonies

Analogous

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



29.2424, 0.3045, 0.3565



29.2424, 0.2858, 0.3390



29.2424, 0.2744, 0.3191

Triad

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



29.2424, 0.2858, 0.3390



29.2424, 0.2986, 0.2948



29.2424, 0.3541, 0.3535

Complementary

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



29.2424, 0.2858, 0.3390



21.8243, 0.3484, 0.3193

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.



29.2424, 0.3526, 0.3367



29.2424, 0.2858, 0.3390



29.2424, 0.3200, 0.3036

Square

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



29.2424, 0.2858, 0.3390



29.2424, 0.2816, 0.2943



29.2424, 0.3399, 0.3187



29.2424, 0.3442, 0.3645

Rectangle

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



29.2424, 0.2858, 0.3390



29.2424, 0.2722, 0.3076



29.2424, 0.3399, 0.3187



29.2424, 0.3550, 0.3483

Sweetspot

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



29.2436, 0.2858, 0.3390



56.7141, 0.3037, 0.3320



28.9224, 0.3161, 0.3875



12.8050, 0.3030, 0.3323



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.



29.2436, 0.2858, 0.3390



52.1952, 0.2808, 0.3413



26.0490, 0.2796, 0.3106



7.0079, 0.3011, 0.3329



20.0793, 0.2402, 0.3846



0.3045, 0.2325, 0.3571

Inverse Universe

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



21.8243, 0.3484, 0.3193



36.4771, 0.3580, 0.3172



24.4070, 0.3524, 0.3467



6.2396, 0.3257, 0.3251



5.6662, 0.6090, 0.3128



0.0886, 0.5202, 0.2640

Previews

White Background



This preview shows how the Yxy color 29.2424, 0.2858, 0.3390 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 29.2424, 0.2858, 0.3390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

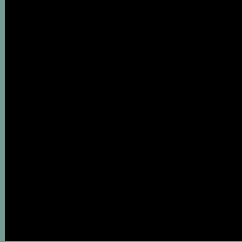
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

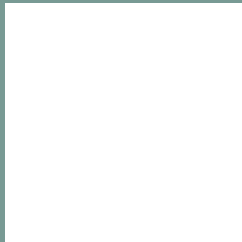
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 29.2424, 0.2858, 0.3390

Background



This preview shows how black text looks on a background with the Yxy color 29.2424, 0.2858, 0.3390.



This preview shows how white text looks on a background with the Yxy color 29.2424, 0.2858, 0.3390.

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

29.2424, 0.2858, 0.3390

Protanopia

29.0554, 0.3189, 0.3322

Deuteranopia

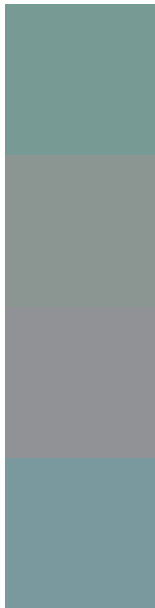
28.9189, 0.3229, 0.3168



Tritanopia

29.3478, 0.2751, 0.3094

Trichromacy



Original Color

29.2424, 0.2858, 0.3390

Protanomaly

29.0282, 0.3063, 0.3355

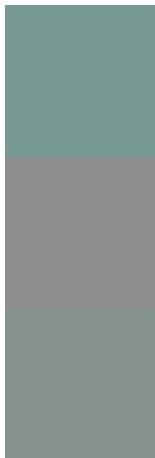
Deuteranomaly

28.7474, 0.3088, 0.3242

Tritanomaly

29.3887, 0.2792, 0.3207

Monochromacy



Original Color

29.2424, 0.2858, 0.3390

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

28.0627, 0.3024, 0.3323

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.2424, 0.2858, 0.3390 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(120, 154, 148)` looks like.

```
.text, #text, p{  
    color:rgb(120, 154, 148)  
}
```

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(120, 154, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 154, 148) }
```

Border

The CSS property to change the border of an element to Yxy 29.2424, 0.2858, 0.3390 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(120, 154, 148) }
```

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

```
.border{ border-color:rgb(120, 154, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 154, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 154, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 154, 148);  
box-shadow:4px 4px 4px 4px rgb(120, 154,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 29.2424, 0.2858, 0.3390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 154, 148) }
```

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

```
.background{ background-color: rgb(120,  
154, 148) }
```

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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