

Converting Colors

$Yxy(29.0537, 0.2844, 0.3332)$

Have a look what the booklet for
Yxy(29.0537, 0.2844, 0.3332)
contains.

Yxy(29.0494, 0.2849, 0.3340)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(29.0494, 0.2849, 0.3340)

Conversions

Conversions Part 1

Format	Color
Hex	799996
RGB	121, 153, 150
RGB Percent	47%, 60%, 59%
CMY	0.5255, 0.4000, 0.4118
CMYK	0.21, 0.00, 0.02, 0.40
HSL	174°, 14%, 54%
HSV	174°, 21%, 60%
XYZ	24.7790, 29.0494, 33.1459
YIQ	143.0900, -18.1090, -7.7170

Conversions

Conversions Part 2

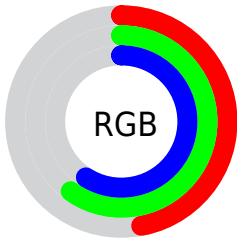
Format	Color
RYB	121, 138, 153
Decimal	7969174
CIELab	60.83, -11.73, -2.08
CIELCh	61, 11.914, 190.070
Yxy	29.0494, 0.2849, 0.3340
Android (android.graphics.Color)	4286159254 (0xFF799996)
YUV	143.0900, 3.4066, -19.3729
Hunter-Lab	53.8975, -12.2566, 1.2661

Details

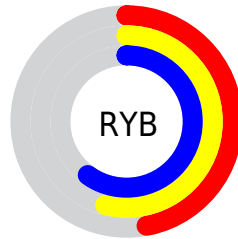
The Yxy color $29.0494, 0.2849, 0.3340$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $21.9016, 0.3495, 0.3241$, and the grayscale version is $27.4970, 0.3127, 0.3290$.

A 20% lighter version of the original color is $57.9840, 0.2907, 0.3327$, and $11.7432, 0.2750, 0.3364$ is the 20% darker color. If you saturate the color by 10%, you get $27.9852, 0.2730, 0.3367$, and if you desaturate by 10%, it is $30.2919, 0.2978, 0.3315$.

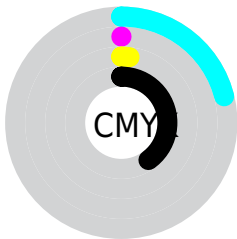
Distribution



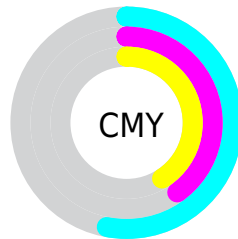
- Red (47%)
- Green (60%)
- Blue (59%)



- Red (47%)
- Yellow (54%)
- Blue (60%)



- Cyan (21%)
- Magenta (0%)
- Yellow (2%)
- Black (40%)




- Cyan (53%)
- Magenta (40%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.0494, 0.2849, 0.3340 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 29.0494, 0.2849, 0.3340 by changing the saturation by 10% instead.


 29.0494, 0.2849,
0.3340


 29.0494, 0.2849,
0.3340


297.4480, 0.2998,
0.3314


 19.1182, 0.2808,
0.3347


 58.1556, 0.2906,
0.3330

 11.7557, 0.2753,
0.3356


 78.0993, 0.2926,
0.3327

 6.5776, 0.2674,
0.3368


 102.1494, 0.2944,
0.3324

 3.1993, 0.2555,
0.3385

130.6901, 0.2958,
0.3321

 1.2367, 0.2352,
0.3410

164.1059, 0.2970,
0.3319

 0.0914, 0.0000,
0.2715

202.7813, 0.2981,

 0.0000, 0.0000,

0.3317

0.0000

247.1005, 0.2990,
0.3316

■ 29.0494, 0.2849,
0.3340

■ 29.0494, 0.2849,
0.3340

■ 27.9852, 0.2730,
0.3367

■ 30.2919, 0.2978,
0.3315

■ 27.0874, 0.2622,
0.3396

■ 31.7169, 0.3114,
0.3292

■ 26.3484, 0.2530,
0.3426

■ 33.3327, 0.3255,
0.3271

■ 25.7584, 0.2455,
0.3457

■ 35.1462, 0.3397,
0.3253

■ 25.3066, 0.2397,
0.3488

■ 37.1639, 0.3540,
0.3236

■ 24.9807, 0.2358,
0.3520

■ 39.3921, 0.3680,
0.3222

■ 24.7663, 0.2337,
0.3552

■ 41.8367, 0.3818,
0.3209

■ 24.6354, 0.2328,
0.3580

■ 44.5034, 0.3951,
0.3198

■ 46.6894, 0.4045,
0.3188

Harmonies

Analogous

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



29.0494, 0.3009, 0.3510



29.0494, 0.2849, 0.3340



29.0494, 0.2763, 0.3161

Triad

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



29.0494, 0.2849, 0.3340



29.0494, 0.3041, 0.2987



29.0494, 0.3495, 0.3545

Complementary

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



29.0494, 0.2849, 0.3340



21.9016, 0.3495, 0.3241

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.



29.0494, 0.3505, 0.3400



29.0494, 0.2849, 0.3340



29.0494, 0.3239, 0.3084

Square

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



29.0494, 0.2849, 0.3340



29.0494, 0.2871, 0.2965



29.0494, 0.3411, 0.3233



29.0494, 0.3383, 0.3627

Rectangle

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



29.0494, 0.2849, 0.3340



29.0494, 0.2758, 0.3064



29.0494, 0.3411, 0.3233



29.0494, 0.3510, 0.3501

Sweetspot

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



29.0506, 0.2849, 0.3340



55.4280, 0.3043, 0.3304



28.4647, 0.3133, 0.3846



12.2066, 0.3035, 0.3305



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.



29.0506, 0.2849, 0.3340



51.1107, 0.2793, 0.3352



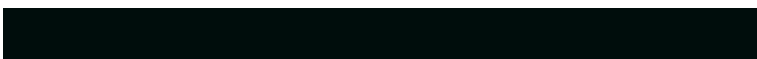
25.1796, 0.2810, 0.3070



7.0165, 0.3001, 0.3311



20.3612, 0.2327, 0.3578



0.3069, 0.2288, 0.3437

Inverse Universe

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



21.9016, 0.3495, 0.3241



36.0078, 0.3599, 0.3230



25.1478, 0.3491, 0.3500



6.2317, 0.3269, 0.3269



5.6269, 0.6262, 0.3223



0.0863, 0.5676, 0.2900

Previews

White Background



This preview shows how the Yxy color 29.0494, 0.2849, 0.3340 looks on a white background.

Color Contrast Check

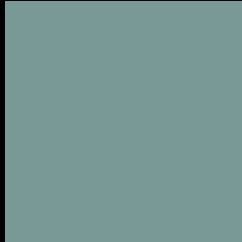
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.0494, 0.2849, 0.3340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

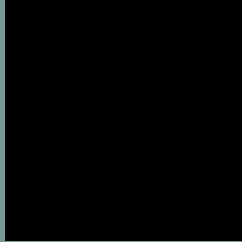
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

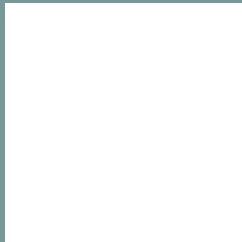
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 29.0494, 0.2849, 0.3340

Background



This preview shows how black text looks on a background with the Yxy color 29.0494, 0.2849, 0.3340.



This preview shows how white text looks on a background with the Yxy color 29.0494, 0.2849, 0.3340.

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

29.0494, 0.2849, 0.3340

Protanopia

29.0227, 0.3158, 0.3290

Deuteranopia

28.8821, 0.3198, 0.3138



Tritanopia

29.0626, 0.2767, 0.3094

Trichromacy



Original Color

29.0494, 0.2849, 0.3340

Protanomaly

29.0904, 0.3045, 0.3322

Deuteranomaly

28.8119, 0.3069, 0.3211

Tritanomaly

29.1360, 0.2800, 0.3190

Monochromacy



Original Color

29.0494, 0.2849, 0.3340

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

28.0937, 0.3014, 0.3306

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.0494, 0.2849, 0.3340 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, 150)` looks like.

```
.text, #text, p{  
    color:rgb(121, 153, 150)  
}
```

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, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 153, 150) }
```

Border

The CSS property to change the border of an element to Yxy 29.0494, 0.2849, 0.3340 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, 150) }
```

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

```
.border{ border-color:rgb(121, 153, 150) }
```

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, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 153, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 153, 150);  
box-shadow:4px 4px 4px 4px rgb(121, 153,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 29.0494, 0.2849, 0.3340 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, 150) }
```

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

```
.background{ background-color: rgb(121,  
153, 150) }
```

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