

Converting Colors

$Y_{xy}(29.9576, 0.2954, 0.3392)$

Have a look what the booklet for
Yxy(29.9576, 0.2954, 0.3392)
contains.

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Color

Yxy(29.9951, 0.2949, 0.3388)

Conversions

Conversions Part 1

Format	Color
Hex	829A94
RGB	130, 154, 148
RGB Percent	51%, 60%, 58%
CMY	0.4901, 0.3961, 0.4196
CMYK	0.16, 0.00, 0.04, 0.40
HSL	165°, 11%, 56%
HSV	165°, 16%, 60%
XYZ	26.1085, 29.9951, 32.4298
YIQ	146.1400, -12.3780, -6.9540

Conversions

Conversions Part 2

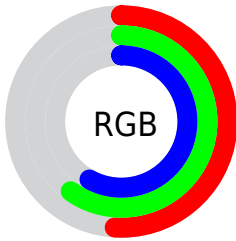
Format	Color
RYB	130, 144, 154
Decimal	8559252
CIELab	61.65, -9.67, 0.31
CIELCh	62, 9.678, 178.136
Yxy	29.9951, 0.2949, 0.3388
Android (android.graphics.Color)	4286749332 (0xFF829A94)
YUV	146.1400, 0.9170, -14.1548
Hunter-Lab	54.7678, -10.7504, 3.2299

Details

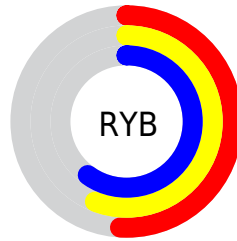
The Yxy color **29.9951, 0.2949, 0.3388** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **24.6179, 0.3342, 0.3194**, and the grayscale version is **28.8066, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.4433, 0.2984, 0.3363**, and **12.2690, 0.2888, 0.3435** is the 20% darker color. If you saturate the color by 10%, you get **28.7481, 0.2842, 0.3459**, and if you desaturate by 10%, it is **31.4309, 0.3062, 0.3323**.

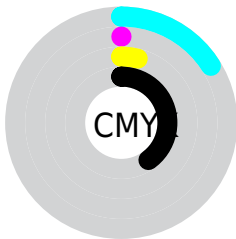
Distribution



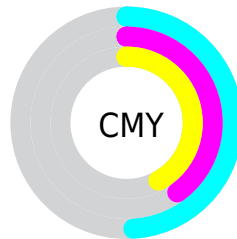
- Red (51%)
- Green (60%)
- Blue (58%)



- Red (51%)
- Yellow (56%)
- Blue (60%)



- Cyan (16%)
- Magenta (0%)
- Yellow (4%)
- Black (40%)





- Cyan (49%)
- Magenta (40%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.9951, 0.2949, 0.3388 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 29.9951, 0.2949, 0.3388 by changing the saturation by 10% instead.


 29.9951, 0.2949,
0.3388


 29.9951, 0.2949,
0.3388


301.8816, 0.3045,
0.3335


 19.8349, 0.2923,
0.3402


 59.6544, 0.2985,
0.3368

 12.2751, 0.2887,
0.3422


 79.9223, 0.2999,
0.3361

 6.9313, 0.2837,
0.3450


 104.3282, 0.3010,
0.3355

 3.4192, 0.2760,
0.3492

133.2565, 0.3019,
0.3350

 1.3543, 0.2629,
0.3565

167.0916, 0.3027,
0.3345

 0.1827, 0.0000,
0.5080

206.2179, 0.3033,

 0.0000, 0.0000,

0.3342

0.0000

251.0198, 0.3039,
0.3338

■ 29.9951, 0.2949,
0.3388

■ 29.9951, 0.2949,
0.3388

■ 28.7481, 0.2842,
0.3459

■ 31.4309, 0.3062,
0.3323

■ 27.6781, 0.2744,
0.3535

■ 33.0595, 0.3179,
0.3265

■ 26.7776, 0.2657,
0.3617

■ 34.8891, 0.3298,
0.3212

■ 26.0371, 0.2584,
0.3703

■ 36.9267, 0.3416,
0.3166

■ 25.4463, 0.2529,
0.3792

■ 39.1787, 0.3532,
0.3125

■ 24.9935, 0.2491,
0.3883

■ 41.6513, 0.3646,
0.3089

■ 24.6653, 0.2472,
0.3974

■ 44.3505, 0.3756,
0.3057

■ 24.4435, 0.2472,
0.4066

■ 47.2820, 0.3862,
0.3030

■ 24.3597, 0.2474,
0.4106

■ 47.7765, 0.3839,
0.2992

Harmonies

Analogous

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



29.9951, 0.3094, 0.3508



29.9951, 0.2949, 0.3388



29.9951, 0.2853, 0.3243

Triad

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



29.9951, 0.2949, 0.3388



29.9951, 0.2999, 0.3030



29.9951, 0.3436, 0.3454

Complementary

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



29.9951, 0.2949, 0.3388



24.6179, 0.3342, 0.3194

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.



29.9951, 0.3410, 0.3326



29.9951, 0.2949, 0.3388



29.9951, 0.3155, 0.3086

Square

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



29.9951, 0.2949, 0.3388



29.9951, 0.2881, 0.3039



29.9951, 0.3306, 0.3193



29.9951, 0.3377, 0.3543

Rectangle

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



29.9951, 0.2949, 0.3388



29.9951, 0.2827, 0.3154



29.9951, 0.3306, 0.3193



29.9951, 0.3437, 0.3414

Sweetspot

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



29.9964, 0.2949, 0.3388



57.2290, 0.3068, 0.3320



29.9921, 0.3172, 0.3687



12.9122, 0.3060, 0.3324



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.



29.9964, 0.2949, 0.3388



53.5885, 0.2907, 0.3414



28.3870, 0.2894, 0.3198



7.0001, 0.3020, 0.3346



19.8525, 0.2472, 0.4099



0.3024, 0.2360, 0.3696

Inverse Universe

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



24.6179, 0.3342, 0.3194



41.7439, 0.3406, 0.3170



25.9817, 0.3397, 0.3381



6.2468, 0.3246, 0.3235



5.7191, 0.5877, 0.3011



0.0907, 0.4858, 0.2450

Previews

White Background



This preview shows how the Yxy color 29.9951, 0.2949, 0.3388 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 29.9951, 0.2949, 0.3388 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

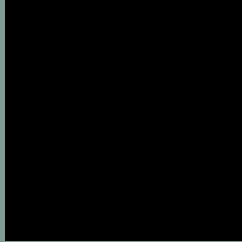
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

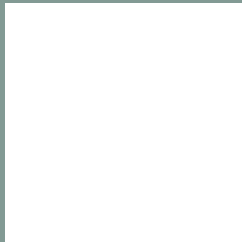
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 29.9951, 0.2949, 0.3388

Background



This preview shows how black text looks on a background with the Yxy color 29.9951, 0.2949, 0.3388.



This preview shows how white text looks on a background with the Yxy color 29.9951, 0.2949, 0.3388.

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

29.9951, 0.2949, 0.3388

Protanopia

29.8995, 0.3198, 0.3337

Deuteranopia

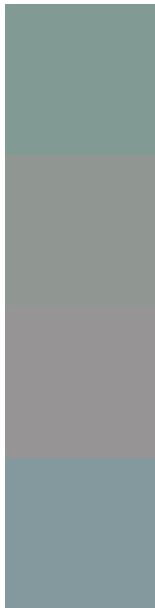
29.8299, 0.3259, 0.3200



Tritanopia

30.1234, 0.2840, 0.3099

Trichromacy



Original Color

29.9951, 0.2949, 0.3388

Protanomaly

29.8173, 0.3104, 0.3354

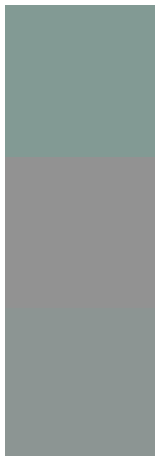
Deuteranomaly

29.8338, 0.3138, 0.3274

Tritanomaly

30.1566, 0.2881, 0.3209

Monochromacy



Original Color

29.9951, 0.2949, 0.3388

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

29.1769, 0.3055, 0.3322

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.9951, 0.2949, 0.3388 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(130, 154, 148)` looks like.

```
.text, #text, p{  
    color:rgb(130, 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(130, 154, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 154, 148) }
```

Border

The CSS property to change the border of an element to Yxy 29.9951, 0.2949, 0.3388 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(130, 154, 148) }
```

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

```
.border{ border-color:rgb(130, 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(130, 154, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 154, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 154, 148);  
box-shadow:4px 4px 4px 4px rgb(130, 154,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 29.9951, 0.2949, 0.3388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 154, 148) }
```

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

```
.background{ background-color: rgb(130,  
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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