

Converting Colors

$Yxy(32.5181, 0.2844, 0.3462)$

Have a look what the booklet for
Yxy(32.5181, 0.2844, 0.3462)
contains.

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Color

Yxy(32.5263, 0.2842, 0.3469)

Conversions

Conversions Part 1

Format	Color
Hex	79A398
RGB	121, 163, 152
RGB Percent	47%, 64%, 60%
CMY	0.5256, 0.3607, 0.4038
CMYK	0.26, 0.00, 0.07, 0.36
HSL	164°, 19%, 56%
HSV	164°, 26%, 64%
XYZ	26.6474, 32.5263, 34.5891
YIQ	149.1880, -21.5010, -12.3250

Conversions

Conversions Part 2

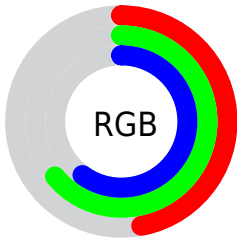
Format	Color
RYB	121, 145, 163
Decimal	7971736
CIELab	63.78, -16.61, 1.08
CIElCh	64, 16.648, 176.286
Yxy	32.5263, 0.2842, 0.3469
Android (android.graphics.Color)	4286161816 (0xFF79A398)
YUV	149.1880, 1.3863, -24.7209
Hunter-Lab	57.0318, -16.4039, 3.9637

Details

The Yxy color **32.5263, 0.2842, 0.3469** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **23.1180, 0.3522, 0.3119**, and the grayscale version is **30.1372, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.5977, 0.2899, 0.3436**, and **13.6481, 0.2750, 0.3530** is the 20% darker color. If you saturate the color by 10%, you get **31.3111, 0.2745, 0.3550**, and if you desaturate by 10%, it is **33.9482, 0.2948, 0.3395**.

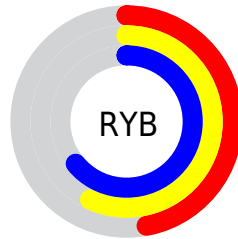
Distribution



Red (47%)

Green (64%)

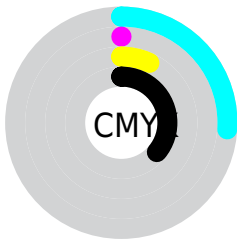
Blue (60%)



Red (47%)

Yellow (57%)

Blue (64%)

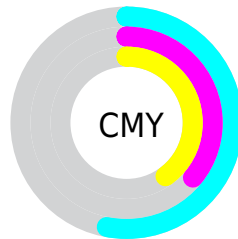


Cyan (26%)

Magenta (0%)

Yellow (7%)

Black (36%)



Cyan (53%)


Magenta (36%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.5263, 0.2842, 0.3469 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 32.5263, 0.2842, 0.3469 by changing the saturation by 10% instead.


 32.5263, 0.2842,
0.3469


 32.5263, 0.2842,
0.3469


313.5098, 0.2993,
0.3374


 21.7638, 0.2801,
0.3495


 63.6353, 0.2899,
0.3433

 13.6835, 0.2747,
0.3530


 84.7505, 0.2920,
0.3420

 7.9008, 0.2671,
0.3578


 110.0855, 0.2937,
0.3409

 4.0316, 0.2557,
0.3652

140.0245, 0.2952,
0.3400

 1.6912, 0.2368,
0.3775

174.9521, 0.2964,
0.3392

 0.4180, 0.0000,
0.5240

215.2526, 0.2975,

 0.0000, 0.0000,

0.3385

0.0000

261.3103, 0.2985,
0.3379

■ 32.5263, 0.2842,
0.3469

■ 32.5263, 0.2842,
0.3469

■ 31.3111, 0.2745,
0.3550

■ 33.9482, 0.2948,
0.3395

■ 30.2885, 0.2659,
0.3636

■ 35.5821, 0.3060,
0.3326

■ 29.4489, 0.2588,
0.3726

■ 37.4381, 0.3176,
0.3265

■ 28.7803, 0.2534,
0.3820

■ 39.5244, 0.3294,
0.3210

■ 28.2692, 0.2498,
0.3916

■ 41.8490, 0.3411,
0.3161

■ 27.9001, 0.2481,
0.4013

■ 44.4192, 0.3526,
0.3118

■ 27.6521, 0.2483,
0.4109

■ 47.2423, 0.3638,
0.3080

■ 27.5638, 0.2486,
0.4149

■ 50.3250, 0.3747,
0.3047

■ 51.1908, 0.3739,
0.3006

Harmonies

Analogous

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



32.5263, 0.3084, 0.3671



32.5263, 0.2842, 0.3469



32.5263, 0.2679, 0.3220

Triad

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



32.5263, 0.2842, 0.3469



32.5263, 0.2897, 0.2860



32.5263, 0.3648, 0.3545

Complementary

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



32.5263, 0.2842, 0.3469



23.1180, 0.3522, 0.3119

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.



32.5263, 0.3596, 0.3330



32.5263, 0.2842, 0.3469



32.5263, 0.3153, 0.2947

Square

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



32.5263, 0.2842, 0.3469



32.5263, 0.2710, 0.2878



32.5263, 0.3412, 0.3116



32.5263, 0.3554, 0.3704

Rectangle

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



32.5263, 0.2842, 0.3469



32.5263, 0.2634, 0.3069



32.5263, 0.3412, 0.3116



32.5263, 0.3647, 0.3477

Sweetspot

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



32.5276, 0.2842, 0.3469



62.9928, 0.3033, 0.3342



32.4968, 0.3199, 0.3984



14.0499, 0.3017, 0.3352



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



32.5276, 0.2842, 0.3469



56.9446, 0.2785, 0.3515



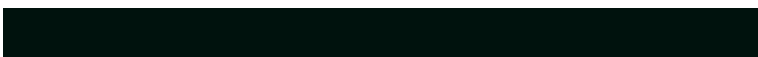
29.5545, 0.2743, 0.3129



7.9795, 0.3021, 0.3349



21.4273, 0.2484, 0.4140



0.4573, 0.2387, 0.3794

Inverse Universe

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



23.1180, 0.3522, 0.3119



37.1656, 0.3642, 0.3079



25.3391, 0.3622, 0.3445



7.1149, 0.3246, 0.3231



6.1914, 0.5848, 0.2995



0.1374, 0.4899, 0.2472

Previews

White Background



This preview shows how the Yxy color 32.5263, 0.2842, 0.3469 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 32.5263, 0.2842, 0.3469 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

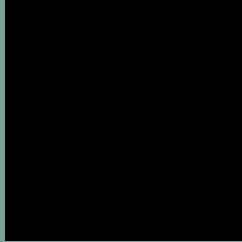
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.5263, 0.2842, 0.3469

Background



This preview shows how black text looks on a background with the Yxy color 32.5263, 0.2842, 0.3469.



This preview shows how white text looks on a background with the Yxy color 32.5263, 0.2842, 0.3469.

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

32.5263, 0.2842, 0.3469

Protanopia

32.1582, 0.3234, 0.3381

Deuteranopia

32.1863, 0.3265, 0.3203



Tritanopia

32.5187, 0.2711, 0.3085

Trichromacy



Original Color

32.5263, 0.2842, 0.3469

Protanomaly

32.3036, 0.3083, 0.3415

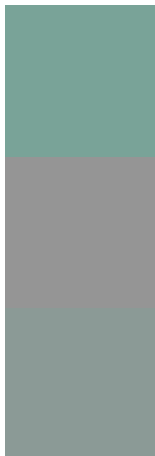
Deuteranomaly

32.0236, 0.3098, 0.3290

Tritanomaly

32.4914, 0.2764, 0.3225

Monochromacy



Original Color

32.5263, 0.2842, 0.3469

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

30.8022, 0.3017, 0.3354

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.5263, 0.2842, 0.3469 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, 163, 152)` looks like.

```
.text, #text, p{  
    color:rgb(121, 163, 152)  
}
```

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, 163, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 163, 152) }
```

Border

The CSS property to change the border of an element to Yxy 32.5263, 0.2842, 0.3469 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, 163, 152) }
```

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

```
.border{ border-color:rgb(121, 163, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 163, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 163, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 163, 152);  
box-shadow:4px 4px 4px 4px rgb(121, 163,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 32.5263, 0.2842, 0.3469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 163, 152) }
```

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

```
.background{ background-color: rgb(121,  
163, 152) }
```

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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