

Converting Colors

$Yxy(34.4443, 0.2875, 0.3519)$

Have a look what the booklet for
Yxy(34.4443, 0.2875, 0.3519)
contains.

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Color

Yxy(34.2973, 0.2871, 0.3514)

Conversions

Conversions Part 1

Format	Color
Hex	7DA799
RGB	125, 167, 153
RGB Percent	49%, 65%, 60%
CMY	0.5100, 0.3451, 0.4000
CMYK	0.25, 0.00, 0.08, 0.35
HSL	160°, 19%, 57%
HSV	160°, 25%, 65%
XYZ	28.0215, 34.2973, 35.2831
YIQ	152.8460, -20.5380, -13.2580

Conversions

Conversions Part 2

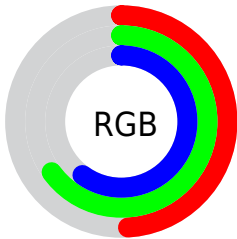
Format	Color
RYB	125, 150, 167
Decimal	8234905
CIELab	65.20, -17.21, 2.62
CIElCh	65, 17.412, 171.332
Yxy	34.2973, 0.2871, 0.3514
Android (android.graphics.Color)	4286424985 (0xFF7DA799)
YUV	152.8460, 0.0759, -24.4209
Hunter-Lab	58.5639, -17.0786, 5.2742

Details

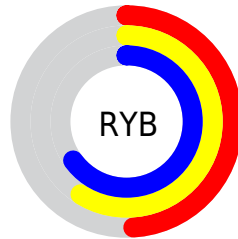
The Yxy color $34.2973, 0.2871, 0.3514$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $24.7360, 0.3474, 0.3078$, and the grayscale version is $31.7883, 0.3127, 0.3290$.

A 20% lighter version of the original color is $66.2125, 0.2921, 0.3470$, and $14.7166, 0.2791, 0.3593$ is the 20% darker color. If you saturate the color by 10%, you get $32.9667, 0.2781, 0.3618$, and if you desaturate by 10%, it is $35.8507, 0.2969, 0.3418$.

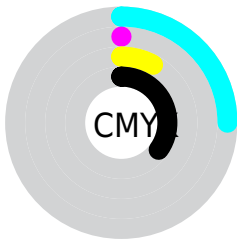
Distribution



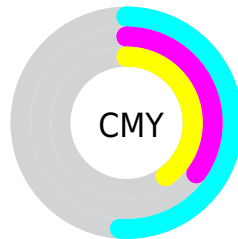
- Red (49%)
- Green (65%)
- Blue (60%)



- Red (49%)
- Yellow (59%)
- Blue (65%)



- Cyan (25%)
- Magenta (0%)
- Yellow (8%)
- Black (35%)




- Cyan (51%)
- Magenta (35%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.2973, 0.2871, 0.3514 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 34.2973, 0.2871, 0.3514 by changing the saturation by 10% instead.

 34.2973, 0.2871,
0.3514


 34.2973, 0.2871,
0.3514


321.4557, 0.3006,
0.3395


 23.1221, 0.2835,
0.3546


 66.3957, 0.2922,
0.3469

 14.6837, 0.2786,
0.3590


 88.0877, 0.2941,
0.3453

 8.5977, 0.2719,
0.3650


 114.0541, 0.2956,
0.3439

 4.4797, 0.2619,
0.3742

144.6793, 0.2969,
0.3427

 1.9454, 0.2455,
0.3895

180.3476, 0.2980,
0.3418

 0.5754, 0.1107,
0.5024

221.4436, 0.2990,

 0.0000, 0.0000,

0.3409

0.0000

268.3514, 0.2999,
0.3402

■ 34.2973, 0.2871,
0.3514

■ 34.2973, 0.2871,
0.3514

■ 32.9667, 0.2781,
0.3618

■ 35.8507, 0.2969,
0.3418

■ 31.8438, 0.2701,
0.3729

■ 37.6325, 0.3072,
0.3332

■ 30.9186, 0.2635,
0.3847

■ 39.6534, 0.3178,
0.3253

■ 30.1782, 0.2586,
0.3970

■ 41.9223, 0.3285,
0.3184

■ 29.6084, 0.2555,
0.4096

■ 44.4475, 0.3391,
0.3122

■ 29.1927, 0.2543,
0.4222

■ 47.2369, 0.3495,
0.3067

■ 28.9105, 0.2551,
0.4347

■ 50.2982, 0.3596,
0.3019

■ 28.7983, 0.2558,
0.4407

■ 52.9559, 0.3661,
0.2974

■ 53.2165, 0.3610,
0.2918

Harmonies

Analogous

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



34.2973, 0.3128, 0.3706



34.2973, 0.2871, 0.3514



34.2973, 0.2687, 0.3260

Triad

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



34.2973, 0.2871, 0.3514



34.2973, 0.2853, 0.2844



34.2973, 0.3664, 0.3517

Complementary

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



34.2973, 0.2871, 0.3514



24.7360, 0.3474, 0.3078

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.



34.2973, 0.3586, 0.3293



34.2973, 0.2871, 0.3514



34.2973, 0.3108, 0.2917

Square

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



34.2973, 0.2871, 0.3514



34.2973, 0.2677, 0.2881



34.2973, 0.3379, 0.3078



34.2973, 0.3591, 0.3695

Rectangle

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



34.2973, 0.2871, 0.3514



34.2973, 0.2627, 0.3098



34.2973, 0.3379, 0.3078



34.2973, 0.3655, 0.3445

Sweetspot

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



34.2987, 0.2871, 0.3514



66.3971, 0.3041, 0.3356



34.6082, 0.3224, 0.3962



14.7520, 0.3026, 0.3369



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



34.2987, 0.2871, 0.3514



60.0904, 0.2821, 0.3569



32.2897, 0.2755, 0.3178



8.4889, 0.3030, 0.3366



22.0426, 0.2554, 0.4395



0.5452, 0.2440, 0.3984

Inverse Universe

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



24.7360, 0.3474, 0.3078



40.1125, 0.3573, 0.3030



26.1896, 0.3619, 0.3399



7.5820, 0.3236, 0.3215



6.5104, 0.5598, 0.2858



0.1678, 0.4692, 0.2359

Previews

White Background



This preview shows how the Yxy color 34.2973, 0.2871, 0.3514 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 34.2973, 0.2871, 0.3514 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

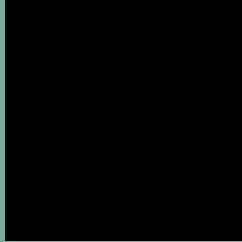
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.2973, 0.2871, 0.3514

Background



This preview shows how black text looks on a background with the Yxy color 34.2973, 0.2871, 0.3514.



This preview shows how white text looks on a background with the Yxy color 34.2973, 0.2871, 0.3514.

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

34.2973, 0.2871, 0.3514

Protanopia

34.0386, 0.3270, 0.3424

Deuteranopia

34.1814, 0.3311, 0.3248



Tritanopia

34.4711, 0.2727, 0.3091

Trichromacy



Original Color

34.2973, 0.2871, 0.3514

Protanomaly

34.0813, 0.3110, 0.3459

Deuteranomaly

33.8882, 0.3135, 0.3335

Tritanomaly

34.3266, 0.2779, 0.3242

Monochromacy



Original Color

34.2973, 0.2871, 0.3514

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

32.5933, 0.3028, 0.3368

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.2973, 0.2871, 0.3514 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(125, 167, 153)` looks like.

```
.text, #text, p{  
    color:rgb(125, 167, 153)  
}
```

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(125, 167, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 167, 153) }
```

Border

The CSS property to change the border of an element to Yxy 34.2973, 0.2871, 0.3514 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(125, 167, 153) }
```

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

```
.border{ border-color:rgb(125, 167, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 167, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 167, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 167, 153);  
box-shadow:4px 4px 4px 4px rgb(125, 167,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 34.2973, 0.2871, 0.3514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 167, 153) }
```

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

```
.background{ background-color: rgb(125,  
167, 153) }
```

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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