

Converting Colors

$Yxy(34.7005, 0.2921, 0.3632)$

Have a look what the booklet for
Yxy(34.7005, 0.2921, 0.3632)
contains.

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Color

Yxy(34.8425, 0.2919, 0.3644)

Conversions

Conversions Part 1

Format	Color
Hex	7DA993
RGB	125, 169, 147
RGB Percent	49%, 66%, 58%
CMY	0.5099, 0.3372, 0.4235
CMYK	0.26, 0.00, 0.13, 0.34
HSL	150°, 20%, 58%
HSV	150°, 26%, 66%
XYZ	27.9103, 34.8425, 32.8632
YIQ	153.3360, -19.1620, -16.1700

Conversions

Conversions Part 2

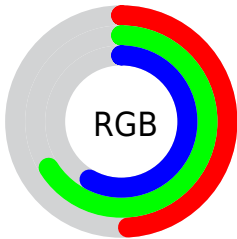
Format	Color
RYB	125, 154, 169
Decimal	8235411
CIELab	65.63, -19.50, 6.58
CIElCh	66, 20.578, 161.360
Yxy	34.8425, 0.2919, 0.3644
Android (android.graphics.Color)	4286425491 (0xFF7DA993)
YUV	153.3360, -3.1236, -24.8507
Hunter-Lab	59.0275, -18.8970, 8.3099

Details

The Yxy color $34.8425, 0.2919, 0.3644$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $25.2036, 0.3403, 0.2962$, and the grayscale version is $32.0287, 0.3127, 0.3290$.

A 20% lighter version of the original color is $66.9933, 0.2958, 0.3567$, and $15.0630, 0.2857, 0.3784$ is the 20% darker color. If you saturate the color by 10%, you get $33.4232, 0.2848, 0.3805$, and if you desaturate by 10%, it is $36.5006, 0.2996, 0.3497$.

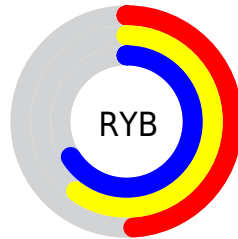
Distribution



Red (49%)

Green (66%)

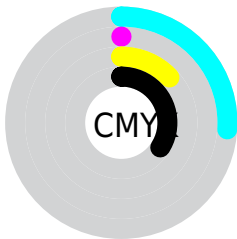
Blue (58%)



Red (49%)

Yellow (60%)

Blue (66%)

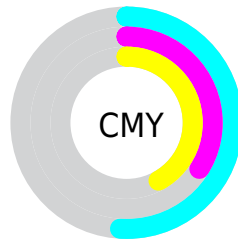


Cyan (26%)

Magenta (0%)

Yellow (13%)

Black (34%)



Cyan (51%)


Magenta (34%)

Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.8425, 0.2919, 0.3644 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 34.8425, 0.2919, 0.3644 by changing the saturation by 10% instead.


 34.8425, 0.2919,
0.3644


 34.8425, 0.2919,
0.3644


323.8726, 0.3030,
0.3454

 23.5416, 0.2889,
0.3696


 67.2417, 0.2961,
0.3572

 14.9939, 0.2848,
0.3766


 89.1088, 0.2977,
0.3545

 8.8151, 0.2791,
0.3866


 115.2667, 0.2989,
0.3524

 4.6208, 0.2704,
0.4017

146.0998, 0.3000,
0.3505

 2.0265, 0.2558,
0.4276

181.9926, 0.3009,
0.3490

 0.6228, 0.1212,
0.6507

223.3294, 0.3017,

 0.0000, 0.0000,

0.3476

0.0000

270.4946, 0.3024,
0.3465

■ 34.8425, 0.2919,
0.3644

■ 34.8425, 0.2919,
0.3644

■ 33.4232, 0.2848,
0.3805

■ 36.5006, 0.2996,
0.3497

■ 32.2269, 0.2786,
0.3980

■ 38.4037, 0.3077,
0.3364

■ 31.2428, 0.2736,
0.4164

■ 40.5632, 0.3160,
0.3245

■ 30.4572, 0.2702,
0.4356

■ 42.9884, 0.3242,
0.3139

■ 29.8550, 0.2685,
0.4549

■ 45.6883, 0.3322,
0.3046

■ 29.4187, 0.2689,
0.4741

■ 48.6713, 0.3401,
0.2965

■ 29.1248, 0.2710,
0.4924

■ 51.9454, 0.3476,
0.2893

■ 29.0277, 0.2721,
0.4995

■ 54.5218, 0.3503,
0.2823

■ 54.9659, 0.3429,
0.2741

Harmonies

Analogous

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



34.8425, 0.3232, 0.3827



34.8425, 0.2919, 0.3644



34.8425, 0.2670, 0.3354

Triad

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



34.8425, 0.2919, 0.3644



34.8425, 0.2724, 0.2769



34.8425, 0.3749, 0.3467

Complementary

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



34.8425, 0.2919, 0.3644



25.2036, 0.3403, 0.2962

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.



34.8425, 0.3600, 0.3204



34.8425, 0.2919, 0.3644



34.8425, 0.2997, 0.2814

Square

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



34.8425, 0.2919, 0.3644



34.8425, 0.2562, 0.2853



34.8425, 0.3320, 0.2971



34.8425, 0.3720, 0.3703

Rectangle

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



34.8425, 0.2919, 0.3644



34.8425, 0.2570, 0.3153



34.8425, 0.3320, 0.2971



34.8425, 0.3718, 0.3380

Sweetspot

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



34.8439, 0.2919, 0.3644



68.0222, 0.3060, 0.3390



36.0610, 0.3297, 0.3973



14.7144, 0.3048, 0.3409



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.



34.8439, 0.2919, 0.3644



60.9466, 0.2879, 0.3731



35.6017, 0.2753, 0.3289



8.4680, 0.3051, 0.3405



21.6431, 0.2716, 0.4976



0.5369, 0.2546, 0.4364

Inverse Universe

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



25.2036, 0.3403, 0.2962



40.8565, 0.3480, 0.2889



24.5780, 0.3669, 0.3292



7.6025, 0.3211, 0.3178



6.7794, 0.4925, 0.2487



0.1753, 0.4218, 0.2097

Previews

White Background



This preview shows how the Yxy color 34.8425, 0.2919, 0.3644 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 34.8425, 0.2919, 0.3644 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

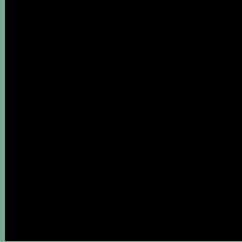
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

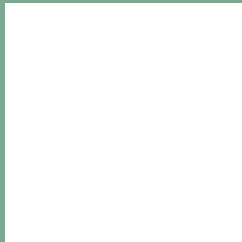
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 34.8425, 0.2919, 0.3644

Background



This preview shows how black text looks on a background with the Yxy color 34.8425, 0.2919, 0.3644.



This preview shows how white text looks on a background with the Yxy color 34.8425, 0.2919, 0.3644.

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

34.8425, 0.2919, 0.3644

Protanopia

34.4838, 0.3364, 0.3541

Deuteranopia

34.3316, 0.3401, 0.3333



Tritanopia

34.9499, 0.2729, 0.3092

Trichromacy



Original Color

34.8425, 0.2919, 0.3644

Protanomaly

34.4031, 0.3190, 0.3582

Deuteranomaly

34.2353, 0.3208, 0.3440

Tritanomaly

34.7296, 0.2796, 0.3273

Monochromacy



Original Color

34.8425, 0.2919, 0.3644

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

32.8703, 0.3045, 0.3415

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.8425, 0.2919, 0.3644 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, 169, 147)` looks like.

```
.text, #text, p{  
    color:rgb(125, 169, 147)  
}
```

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, 169, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 169, 147) }
```

Border

The CSS property to change the border of an element to Yxy 34.8425, 0.2919, 0.3644 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, 169, 147) }
```

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

```
.border{ border-color:rgb(125, 169, 147) }
```

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

Here you see how a box with a 4 pixel rgb(125, 169, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 169, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 169, 147);  
box-shadow:4px 4px 4px 4px rgb(125, 169,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 34.8425, 0.2919, 0.3644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 169, 147) }
```

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

```
.background{ background-color: rgb(125,  
169, 147) }
```

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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