

Converting Colors

$Yxy(34.5943, 0.2898, 0.3417)$

Have a look what the booklet for
Yxy(34.5943, 0.2898, 0.3417)
contains.

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Color

Yxy(34.7276, 0.2899, 0.3415)

Conversions

Conversions Part 1

Format	Color
Hex	85A69E
RGB	133, 166, 158
RGB Percent	52%, 65%, 62%
CMY	0.4784, 0.3490, 0.3805
CMYK	0.20, 0.00, 0.05, 0.35
HSL	165°, 16%, 59%
HSV	165°, 20%, 65%
XYZ	29.4803, 34.7276, 37.4834
YIQ	155.2210, -17.1000, -9.4840

Conversions

Conversions Part 2

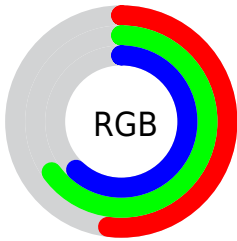
Format	Color
RYB	133, 152, 166
Decimal	8758942
CIELab	65.54, -12.99, 0.41
CIELCh	66, 13.000, 178.197
Yxy	34.7276, 0.2899, 0.3415
Android (android.graphics.Color)	4286949022 (0xFF85A69E)
YUV	155.2210, 1.3700, -19.4878
Hunter-Lab	58.9301, -13.8315, 3.5388

Details

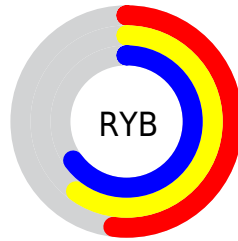
The Yxy color **34.7276, 0.2899, 0.3415** is a light color, and the websafe version is hex **669999**. A complement of this color would be **26.8115, 0.3419, 0.3169**, and the grayscale version is **32.8820, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.0818, 0.2944, 0.3383**, and **14.9352, 0.2825, 0.3448** is the 20% darker color. If you saturate the color by 10%, you get **33.3458, 0.2794, 0.3487**, and if you desaturate by 10%, it is **36.3304, 0.3011, 0.3349**.

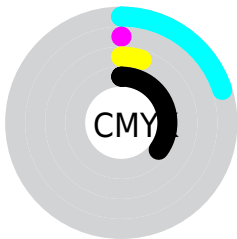
Distribution



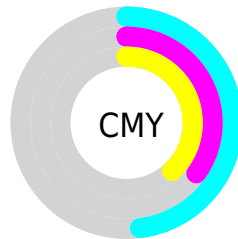
- Red (52%)
- Green (65%)
- Blue (62%)



- Red (52%)
- Yellow (60%)
- Blue (65%)



- Cyan (20%)
- Magenta (0%)
- Yellow (5%)
- Black (35%)





- Cyan (48%)
- Magenta (35%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.7276, 0.2899, 0.3415 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 34.7276, 0.2899, 0.3415 by changing the saturation by 10% instead.


 34.7276, 0.2899,
0.3415


 34.7276, 0.2899,
0.3415


323.3643, 0.3019,
0.3349


 23.4531, 0.2867,
0.3432


 67.0636, 0.2944,
0.3390

 14.9284, 0.2825,
0.3456


 88.8938, 0.2960,
0.3381

 8.7692, 0.2767,
0.3488


 115.0115, 0.2974,
0.3374

 4.5909, 0.2681,
0.3535

145.8009, 0.2986,
0.3368

 2.0093, 0.2541,
0.3613

181.6465, 0.2996,
0.3362

 0.6129, 0.1749,
0.4040

222.9327, 0.3004,

 0.0000, 0.0000,

0.3357

0.0000

270.0438, 0.3012,
0.3353

■ 34.7276, 0.2899,
0.3415

■ 34.7276, 0.2899,
0.3415

■ 33.3458, 0.2794,
0.3487

■ 36.3304, 0.3011,
0.3349

■ 32.1707, 0.2699,
0.3564

■ 38.1592, 0.3129,
0.3289

■ 31.1928, 0.2618,
0.3646

■ 40.2244, 0.3248,
0.3235

■ 30.4003, 0.2552,
0.3731

■ 42.5343, 0.3369,
0.3187

■ 29.7801, 0.2504,
0.3819

■ 45.0968, 0.3488,
0.3145

■ 29.3171, 0.2474,
0.3908

■ 47.9196, 0.3605,
0.3108

■ 28.9940, 0.2464,
0.3998

■ 51.0099, 0.3718,
0.3075

■ 28.7718, 0.2469,
0.4087

■ 52.2647, 0.3731,
0.3037

■ 28.7691, 0.2469,
0.4088

■ 52.4443, 0.3693,
0.2996

Harmonies

Analogous

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



34.7276, 0.3083, 0.3570



34.7276, 0.2899, 0.3415



34.7276, 0.2777, 0.3227

Triad

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



34.7276, 0.2899, 0.3415



34.7276, 0.2963, 0.2960



34.7276, 0.3523, 0.3498

Complementary

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



34.7276, 0.2899, 0.3415



26.8115, 0.3419, 0.3169

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.



34.7276, 0.3490, 0.3335



34.7276, 0.2899, 0.3415



34.7276, 0.3162, 0.3031

Square

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



34.7276, 0.2899, 0.3415



34.7276, 0.2813, 0.2970



34.7276, 0.3356, 0.3166



34.7276, 0.3446, 0.3613

Rectangle

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



34.7276, 0.2899, 0.3415



34.7276, 0.2746, 0.3114



34.7276, 0.3356, 0.3166



34.7276, 0.3524, 0.3447

Sweetspot

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



34.7290, 0.2899, 0.3415



67.1321, 0.3055, 0.3326



34.6533, 0.3179, 0.3812



14.9778, 0.3048, 0.3330



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.



34.7290, 0.2899, 0.3415



61.8310, 0.2850, 0.3447



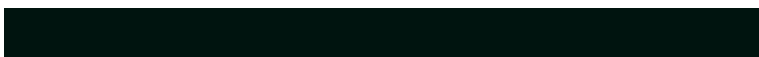
32.1119, 0.2829, 0.3160



8.5004, 0.3018, 0.3346



22.3158, 0.2467, 0.4080



0.5503, 0.2385, 0.3787

Inverse Universe

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



26.8115, 0.3419, 0.3169



44.7166, 0.3505, 0.3139



28.9287, 0.3487, 0.3416



7.5712, 0.3249, 0.3235



6.4140, 0.5909, 0.3029



0.1638, 0.5022, 0.2540

Previews

White Background



This preview shows how the Yxy color 34.7276, 0.2899, 0.3415 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 34.7276, 0.2899, 0.3415 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

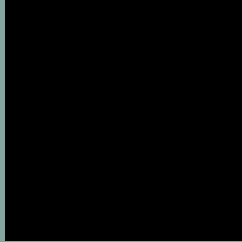
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.7276, 0.2899, 0.3415

Background



This preview shows how black text looks on a background with the Yxy color 34.7276, 0.2899, 0.3415.

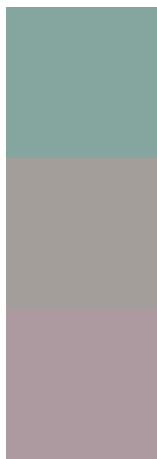


This preview shows how white text looks on a background with the Yxy color 34.7276, 0.2899, 0.3415.

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

34.7276, 0.2899, 0.3415

Protanopia

34.5402, 0.3222, 0.3364

Deuteranopia

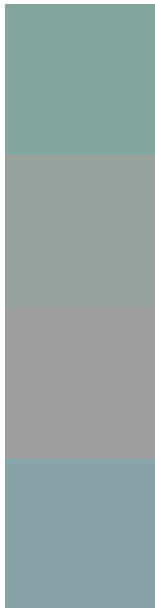
34.5335, 0.3261, 0.3205



Tritanopia

34.6473, 0.2790, 0.3093

Trichromacy



Original Color

34.7276, 0.2899, 0.3415

Protanomaly

34.5317, 0.3094, 0.3380

Deuteranomaly

34.2260, 0.3118, 0.3275

Tritanomaly

34.6497, 0.2836, 0.3213

Monochromacy



Original Color

34.7276, 0.2899, 0.3415

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

33.3996, 0.3039, 0.3336

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.7276, 0.2899, 0.3415 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(133, 166, 158)` looks like.

```
.text, #text, p{  
    color:rgb(133, 166, 158)  
}
```

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(133, 166, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 166, 158) }
```

Border

The CSS property to change the border of an element to Yxy 34.7276, 0.2899, 0.3415 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(133, 166, 158) }
```

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

```
.border{ border-color:rgb(133, 166, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 166, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 166, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 166, 158);  
box-shadow:4px 4px 4px 4px rgb(133, 166,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 34.7276, 0.2899, 0.3415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 166, 158) }
```

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

```
.background{ background-color: rgb(133,  
166, 158) }
```

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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