

Converting Colors

$Yxy(34.8562, 0.2969, 0.3358)$

Have a look what the booklet for
Yxy(34.8562, 0.2969, 0.3358)
contains.

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Color

Yxy(34.8938, 0.2977, 0.3366)

Conversions

Conversions Part 1

Format	Color
Hex	8FA49F
RGB	143, 164, 159
RGB Percent	56%, 64%, 62%
CMY	0.4392, 0.3568, 0.3765
CMYK	0.13, 0.00, 0.03, 0.36
HSL	166°, 10%, 60%
HSV	166°, 13%, 64%
XYZ	30.8612, 34.8938, 37.9105
YIQ	157.1510, -10.9110, -6.0070

Conversions

Conversions Part 2

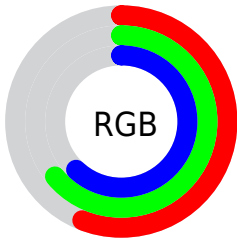
Format	Color
RYB	143, 155, 164
Decimal	9413791
CIELab	65.67, -8.35, 0.10
CIElCh	66, 8.349, 179.296
Yxy	34.8938, 0.2977, 0.3366
Android (android.graphics.Color)	4287603871 (0xFF8FA49F)
YUV	157.1510, 0.9116, -12.4104
Hunter-Lab	59.0710, -10.1181, 3.2987

Details

The Yxy color **34.8938, 0.2977, 0.3366** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.6761, 0.3302, 0.3215**, and the grayscale version is **33.7887, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.3884, 0.3005, 0.3347**, and **14.9464, 0.2918, 0.3378** is the 20% darker color. If you saturate the color by 10%, you get **33.4035, 0.2866, 0.3432**, and if you desaturate by 10%, it is **36.6053, 0.3094, 0.3306**.

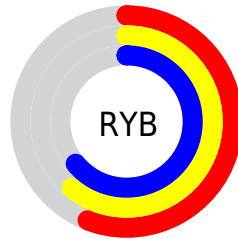
Distribution



Red (56%)

Green (64%)

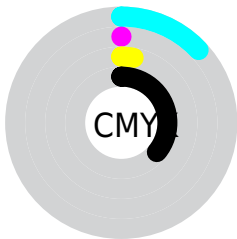
Blue (62%)



Red (56%)

Yellow (61%)

Blue (64%)

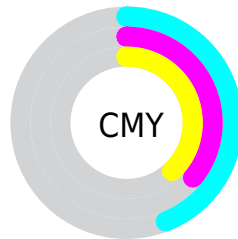


Cyan (13%)

Magenta (0%)

Yellow (3%)

Black (36%)



Cyan (44%)


Magenta (36%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.8938, 0.2977, 0.3366 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 34.8938, 0.2977, 0.3366 by changing the saturation by 10% instead.


 34.8938, 0.2977,
0.3366


 34.8938, 0.2977,
0.3366


324.0993, 0.3056,
0.3326

 23.5811, 0.2956,
0.3377


 67.3212, 0.3007,
0.3351

 15.0232, 0.2928,
0.3391


 89.2047, 0.3017,
0.3346

 8.8356, 0.2890,
0.3410


115.3806, 0.3026,
0.3341

 4.6341, 0.2833,
0.3439

146.2332, 0.3034,
0.3337

 2.0342, 0.2741,
0.3485

182.1470, 0.3041,
0.3334

 0.6272, 0.2314,
0.3700

223.5063, 0.3046,

 0.0000, 0.0000,

0.3331

0.0000

270.6957, 0.3051,
0.3329

■ 34.8938, 0.2977,
0.3366

■ 34.8938, 0.2977,
0.3366

■ 33.4035, 0.2866,
0.3432

■ 36.6053, 0.3094,
0.3306

■ 32.1208, 0.2763,
0.3504

■ 38.5423, 0.3214,
0.3252

■ 31.0370, 0.2672,
0.3580

■ 40.7146, 0.3335,
0.3203

■ 30.1415, 0.2594,
0.3661

■ 43.1299, 0.3455,
0.3160

■ 29.4225, 0.2533,
0.3745

■ 45.7957, 0.3573,
0.3122

■ 28.8666, 0.2489,
0.3832

■ 48.7192, 0.3689,
0.3089

■ 28.4589, 0.2465,
0.3919

■ 51.3717, 0.3775,
0.3058

■ 28.1813, 0.2460,
0.4006

■ 51.5405, 0.3737,
0.3017

■ 28.0319, 0.2463,
0.4068

■ 51.7138, 0.3700,
0.2977

Harmonies

Analogous

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



34.8938, 0.3096, 0.3465



34.8938, 0.2977, 0.3366



34.8938, 0.2899, 0.3248

Triad

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



34.8938, 0.2977, 0.3366



34.8938, 0.3027, 0.3076



34.8938, 0.3379, 0.3429

Complementary

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



34.8938, 0.2977, 0.3366



29.6761, 0.3302, 0.3215

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.



34.8938, 0.3361, 0.3325



34.8938, 0.2977, 0.3366



34.8938, 0.3155, 0.3124

Square

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



34.8938, 0.2977, 0.3366



34.8938, 0.2927, 0.3083



34.8938, 0.3278, 0.3214



34.8938, 0.3329, 0.3499

Rectangle

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



34.8938, 0.2977, 0.3366



34.8938, 0.2880, 0.3175



34.8938, 0.3278, 0.3214



34.8938, 0.3381, 0.3397

Sweetspot

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



34.8953, 0.2977, 0.3366



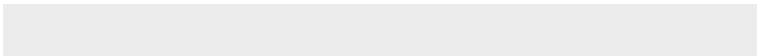
66.0252, 0.3079, 0.3313



34.8548, 0.3161, 0.3614



14.3831, 0.3070, 0.3317



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.



34.8953, 0.2977, 0.3366



62.6311, 0.2949, 0.3382



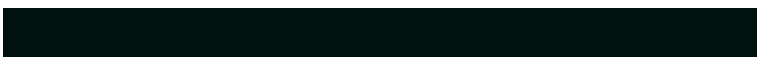
33.2315, 0.2934, 0.3209



7.9823, 0.3018, 0.3344



21.5000, 0.2461, 0.4059



0.4584, 0.2374, 0.3747

Inverse Universe

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



29.6761, 0.3302, 0.3215



51.5163, 0.3342, 0.3200



31.1348, 0.3344, 0.3370



7.1123, 0.3249, 0.3237



6.1706, 0.5922, 0.3036



0.1365, 0.4994, 0.2525

Previews

White Background



This preview shows how the Yxy color 34.8938, 0.2977, 0.3366 looks on a white background.

Color Contrast Check

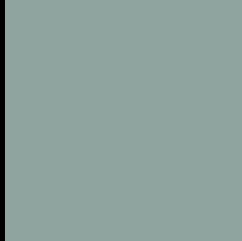
Large Text (above 18pt) WCAG AA × Fail

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 34.8938, 0.2977, 0.3366 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

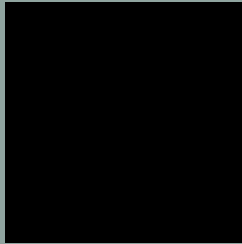
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

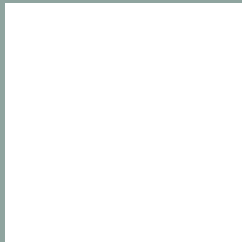
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 34.8938, 0.2977, 0.3366

Background



This preview shows how black text looks on a background with the Yxy color 34.8938, 0.2977, 0.3366.



This preview shows how white text looks on a background with the Yxy color 34.8938, 0.2977, 0.3366.

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

34.8938, 0.2977, 0.3366

Protanopia

34.6405, 0.3194, 0.3320

Deuteranopia

34.6831, 0.3262, 0.3192



Tritanopia

35.0468, 0.2873, 0.3097

Trichromacy



Original Color

34.8938, 0.2977, 0.3366

Protanomaly

34.6439, 0.3115, 0.3335

Deuteranomaly

34.7783, 0.3158, 0.3261

Tritanomaly

35.0787, 0.2913, 0.3199

Monochromacy



Original Color

34.8938, 0.2977, 0.3366

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

34.2856, 0.3069, 0.3320

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.8938, 0.2977, 0.3366 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(143, 164, 159)` looks like.

```
.text, #text, p{  
    color:rgb(143, 164, 159)  
}
```

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(143, 164, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 164, 159) }
```

Border

The CSS property to change the border of an element to Yxy 34.8938, 0.2977, 0.3366 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(143, 164, 159) }
```

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

```
.border{ border-color:rgb(143, 164, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 164, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 164, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 164, 159);  
box-shadow:4px 4px 4px 4px rgb(143, 164,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 34.8938, 0.2977, 0.3366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 164, 159) }
```

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

```
.background{ background-color: rgb(143,  
164, 159) }
```

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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