

Converting Colors

$Y_{xy}(35.9756, 0.2933, 0.3434)$

Have a look what the booklet for
Yxy(35.9756, 0.2933, 0.3434)
contains.

Yxy(35.9117, 0.2934, 0.3428)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(35.9117, 0.2934, 0.3428)

Conversions

Conversions Part 1

Format	Color
Hex	8AA89F
RGB	138, 168, 159
RGB Percent	54%, 66%, 62%
CMY	0.4590, 0.3411, 0.3765
CMYK	0.18, 0.00, 0.05, 0.34
HSL	162°, 15%, 60%
HSV	162°, 18%, 66%
XYZ	30.7366, 35.9117, 38.1117
YIQ	158.0040, -14.9910, -9.1590

Conversions

Conversions Part 2

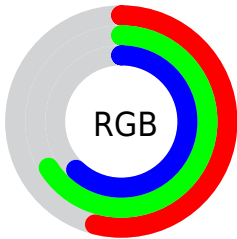
Format	Color
RYB	138, 156, 168
Decimal	9087135
CIELab	66.45, -12.20, 1.21
CIElCh	66, 12.262, 174.336
Yxy	35.9117, 0.2934, 0.3428
Android (android.graphics.Color)	4287277215 (0xFF8AA89F)
YUV	158.0040, 0.4910, -17.5435
Hunter-Lab	59.9264, -13.3175, 4.2415

Details

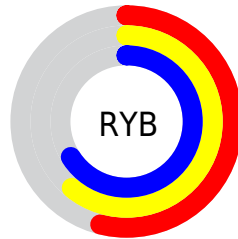
The Yxy color **35.9117, 0.2934, 0.3428** is a light color, and the websafe version is hex **669999**. A complement of this color would be **28.5974, 0.3366, 0.3156**, and the grayscale version is **34.1941, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.8369, 0.2971, 0.3394**, and **15.6482, 0.2874, 0.3466** is the 20% darker color. If you saturate the color by 10%, you get **34.4183, 0.2834, 0.3516**, and if you desaturate by 10%, it is **37.6368, 0.3040, 0.3348**.

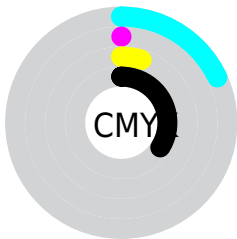
Distribution



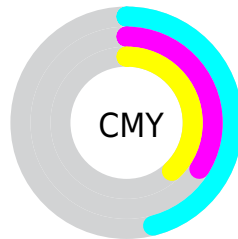
- Red (54%)
- Green (66%)
- Blue (62%)



- Red (54%)
- Yellow (61%)
- Blue (66%)



- Cyan (18%)
- Magenta (0%)
- Yellow (5%)
- Black (34%)





- Cyan (46%)
- Magenta (34%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.9117, 0.2934, 0.3428 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 35.9117, 0.2934, 0.3428 by changing the saturation by 10% instead.


 35.9117, 0.2934,
0.3428


 35.9117, 0.2934,
0.3428


328.5744, 0.3035,
0.3356

 24.3660, 0.2907,
0.3447


 68.8958, 0.2972,
0.3401

 15.6053, 0.2872,
0.3473


 91.1029, 0.2986,
0.3391

 9.2453, 0.2823,
0.3508


 117.6327, 0.2997,
0.3383

 4.9015, 0.2751,
0.3561

148.8694, 0.3007,
0.3376

 2.1896, 0.2636,
0.3646

185.1976, 0.3016,
0.3370

 0.7143, 0.2131,
0.3994

227.0016, 0.3023,

 0.0000, 0.0000,

0.3364

0.0000

274.6657, 0.3029,
0.3360

■ 35.9117, 0.2934,
0.3428

■ 35.9117, 0.2934,
0.3428

■ 34.4183, 0.2834,
0.3516

■ 37.6368, 0.3040,
0.3348

■ 33.1421, 0.2743,
0.3611

■ 39.5989, 0.3151,
0.3275

■ 32.0733, 0.2663,
0.3712

■ 41.8083, 0.3262,
0.3210

■ 31.2000, 0.2599,
0.3819

■ 44.2738, 0.3374,
0.3153

■ 30.5089, 0.2552,
0.3929

■ 47.0033, 0.3484,
0.3102

■ 29.9850, 0.2523,
0.4041

■ 50.0048, 0.3591,
0.3057

■ 29.6109, 0.2514,
0.4154

■ 53.1776, 0.3689,
0.3018

■ 29.3575, 0.2522,
0.4266

■ 53.4083, 0.3642,
0.2966

■ 29.3092, 0.2525,
0.4289

■ 53.6468, 0.3596,
0.2915

Harmonies

Analogous

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



35.9117, 0.3111, 0.3564



35.9117, 0.2934, 0.3428



35.9117, 0.2811, 0.3254

Triad

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



35.9117, 0.2934, 0.3428



35.9117, 0.2953, 0.2978



35.9117, 0.3498, 0.3467

Complementary

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



35.9117, 0.2934, 0.3428



28.5974, 0.3366, 0.3156

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.



35.9117, 0.3454, 0.3312



35.9117, 0.2934, 0.3428



35.9117, 0.3135, 0.3036

Square

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



35.9117, 0.2934, 0.3428



35.9117, 0.2821, 0.2999



35.9117, 0.3319, 0.3156



35.9117, 0.3439, 0.3582

Rectangle

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



35.9117, 0.2934, 0.3428



35.9117, 0.2773, 0.3145



35.9117, 0.3319, 0.3156



35.9117, 0.3495, 0.3417

Sweetspot

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



35.9132, 0.2934, 0.3428



69.2367, 0.3071, 0.3327



36.0448, 0.3188, 0.3753



15.0401, 0.3064, 0.3332



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.



35.9132, 0.2934, 0.3428



64.1635, 0.2898, 0.3458



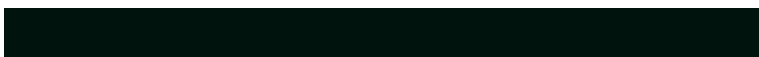
34.0690, 0.2859, 0.3197



8.4931, 0.3025, 0.3359



22.1386, 0.2522, 0.4278



0.5470, 0.2420, 0.3911

Inverse Universe

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



28.5974, 0.3366, 0.3156



48.6790, 0.3424, 0.3129



30.0976, 0.3449, 0.3381



7.5780, 0.3240, 0.3223



6.4711, 0.5720, 0.2924



0.1664, 0.4807, 0.2422

Previews

White Background



This preview shows how the Yxy color 35.9117, 0.2934, 0.3428 looks on a white background.

Color Contrast Check

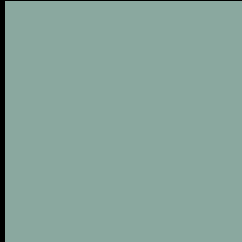
Large Text (above 18pt) WCAG AA × Fail

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 35.9117, 0.2934, 0.3428 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

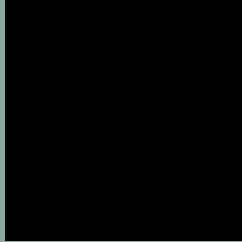
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

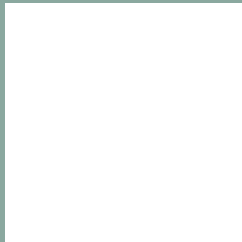
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 35.9117, 0.2934, 0.3428

Background



This preview shows how black text looks on a background with the Yxy color 35.9117, 0.2934, 0.3428.



This preview shows how white text looks on a background with the Yxy color 35.9117, 0.2934, 0.3428.

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

35.9117, 0.2934, 0.3428

Protanopia

35.9633, 0.3229, 0.3377

Deuteranopia

35.6973, 0.3289, 0.3221



Tritanopia

35.8754, 0.2818, 0.3097

Trichromacy



Original Color

35.9117, 0.2934, 0.3428

Protanomaly

36.0191, 0.3122, 0.3409

Deuteranomaly

35.4662, 0.3156, 0.3290

Tritanomaly

35.8754, 0.2864, 0.3214

Monochromacy



Original Color

35.9117, 0.2934, 0.3428

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

34.8886, 0.3059, 0.3350

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.9117, 0.2934, 0.3428 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(138, 168, 159) looks like.

```
.text, #text, p{  
    color:rgb(138, 168, 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(138, 168, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 168, 159) }
```

Border

The CSS property to change the border of an element to Yxy 35.9117, 0.2934, 0.3428 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(138, 168, 159) }
```

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

```
.border{ border-color:rgb(138, 168, 159) }
```

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

Here you see how a box with a 4 pixel rgb(138, 168, 159) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 168, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 168, 159);  
box-shadow:4px 4px 4px 4px rgb(138, 168,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 35.9117, 0.2934, 0.3428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 168, 159) }
```

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

```
.background{ background-color: rgb(138,  
168, 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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