

Converting Colors

$Yxy(35.0411, 0.2932, 0.3399)$

Have a look what the booklet for
Yxy(35.0411, 0.2932, 0.3399)
contains.

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Color

Yxy(35.1789, 0.2934, 0.3397)

Conversions

Conversions Part 1

Format	Color
Hex	8AA69F
RGB	138, 166, 159
RGB Percent	54%, 65%, 62%
CMY	0.4586, 0.3491, 0.3764
CMYK	0.17, 0.00, 0.04, 0.35
HSL	165°, 14%, 60%
HSV	165°, 17%, 65%
XYZ	30.3841, 35.1789, 37.9957
YIQ	156.8300, -14.4410, -8.1130

Conversions

Conversions Part 2

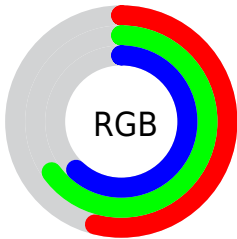
Format	Color
RYB	138, 154, 166
Decimal	9086623
CIELab	65.89, -11.08, 0.38
CIElCh	66, 11.091, 178.039
Yxy	35.1789, 0.2934, 0.3397
Android (android.graphics.Color)	4287276703 (0xFF8AA69F)
YUV	156.8300, 1.0698, -16.5139
Hunter-Lab	59.3118, -12.3540, 3.5365

Details

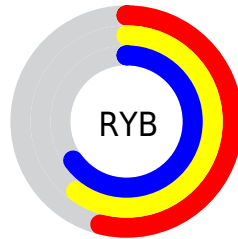
The Yxy color **35.1789, 0.2934, 0.3397** is a light color, and the websafe version is hex **669999**. A complement of this color would be **28.3466, 0.3364, 0.3186**, and the grayscale version is **33.6424, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.7744, 0.2971, 0.3371**, and **15.1920, 0.2872, 0.3423** is the 20% darker color. If you saturate the color by 10%, you get **33.7287, 0.2827, 0.3469**, and if you desaturate by 10%, it is **36.8532, 0.3047, 0.3331**.

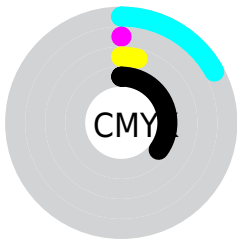
Distribution



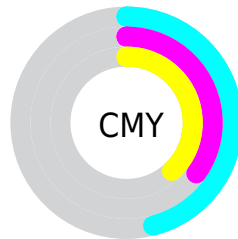
- Red (54%)
- Green (65%)
- Blue (62%)



- Red (54%)
- Yellow (60%)
- Blue (65%)



- Cyan (17%)
- Magenta (0%)
- Yellow (4%)
- Black (35%)





- Cyan (46%)
- Magenta (35%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.1789, 0.2934, 0.3397 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 35.1789, 0.2934, 0.3397 by changing the saturation by 10% instead.


 35.1789, 0.2934,
0.3397


 35.1789, 0.2934,
0.3397


325.3573, 0.3035,
0.3341

 23.8007, 0.2907,
0.3412


 67.7628, 0.2972,
0.3376

 15.1859, 0.2872,
0.3432


 89.7373, 0.2986,
0.3368

 8.9499, 0.2823,
0.3459


 116.0128, 0.2997,
0.3362

 4.7085, 0.2750,
0.3499

146.9735, 0.3007,
0.3356

 2.0773, 0.2633,
0.3565

183.0039, 0.3016,
0.3352

 0.6518, 0.2072,
0.3871

224.4884, 0.3023,

 0.0000, 0.0000,

0.3348

0.0000

271.8114, 0.3029,
0.3344

■ 35.1789, 0.2934,
0.3397

■ 35.1789, 0.2934,
0.3397

■ 33.7287, 0.2827,
0.3469

■ 36.8532, 0.3047,
0.3331

■ 32.4885, 0.2730,
0.3546

■ 38.7566, 0.3165,
0.3272

■ 31.4491, 0.2645,
0.3629

■ 40.8990, 0.3284,
0.3218

■ 30.5990, 0.2574,
0.3716

■ 43.2889, 0.3403,
0.3171

■ 29.9255, 0.2521,
0.3806

■ 45.9339, 0.3521,
0.3129

■ 29.4142, 0.2486,
0.3897

■ 48.8416, 0.3635,
0.3092

■ 29.0487, 0.2471,
0.3989

■ 52.0192, 0.3746,
0.3060

■ 28.8045, 0.2473,
0.4081

■ 52.3414, 0.3714,
0.3018

■ 28.7367, 0.2475,
0.4110

■ 52.5280, 0.3675,
0.2975

Harmonies

Analogous

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



35.1789, 0.3092, 0.3527



35.1789, 0.2934, 0.3397



35.1789, 0.2829, 0.3239

Triad

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



35.1789, 0.2934, 0.3397



35.1789, 0.2987, 0.3008



35.1789, 0.3463, 0.3467

Complementary

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



35.1789, 0.2934, 0.3397



28.3466, 0.3364, 0.3186

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.



35.1789, 0.3434, 0.3328



35.1789, 0.2934, 0.3397



35.1789, 0.3156, 0.3068

Square

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



35.1789, 0.2934, 0.3397



35.1789, 0.2859, 0.3018



35.1789, 0.3321, 0.3184



35.1789, 0.3399, 0.3564

Rectangle

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



35.1789, 0.2934, 0.3397



35.1789, 0.2802, 0.3142



35.1789, 0.3321, 0.3184



35.1789, 0.3464, 0.3424

Sweetspot

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



35.1804, 0.2934, 0.3397



67.4635, 0.3067, 0.3321



35.1286, 0.3171, 0.3725



15.0471, 0.3060, 0.3325



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.



35.1804, 0.2934, 0.3397



62.8794, 0.2895, 0.3422



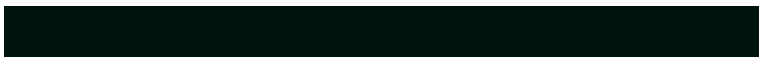
32.9601, 0.2874, 0.3182



8.4996, 0.3019, 0.3347



22.2954, 0.2473, 0.4101



0.5499, 0.2389, 0.3800

Inverse Universe

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



28.3466, 0.3364, 0.3186



48.2244, 0.3426, 0.3163



30.2071, 0.3423, 0.3396



7.5719, 0.3248, 0.3234



6.4197, 0.5889, 0.3018



0.1641, 0.4997, 0.2526

Previews

White Background



This preview shows how the Yxy color 35.1789, 0.2934, 0.3397 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 35.1789, 0.2934, 0.3397 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

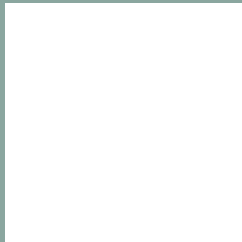
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 35.1789, 0.2934, 0.3397

Background



This preview shows how black text looks on a background with the Yxy color 35.1789, 0.2934, 0.3397.

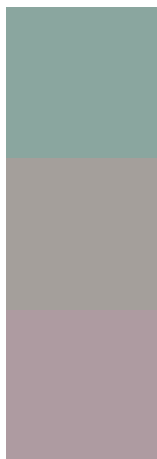


This preview shows how white text looks on a background with the Yxy color 35.1789, 0.2934, 0.3397.

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

35.1789, 0.2934, 0.3397

Protanopia

35.0553, 0.3212, 0.3349

Deuteranopia

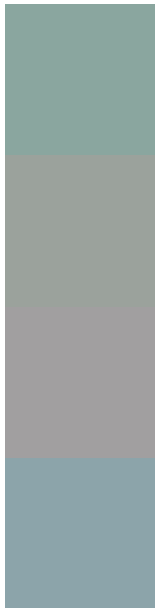
35.0146, 0.3260, 0.3206



Tritanopia

34.9917, 0.2823, 0.3095

Trichromacy



Original Color

35.1789, 0.2934, 0.3397

Protanomaly

35.2095, 0.3114, 0.3379

Deuteranomaly

34.9114, 0.3137, 0.3275

Tritanomaly

35.0286, 0.2862, 0.3199

Monochromacy



Original Color

35.1789, 0.2934, 0.3397

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

34.0943, 0.3050, 0.3320

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.1789, 0.2934, 0.3397 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, 166, 159)` looks like.

```
.text, #text, p{  
    color:rgb(138, 166, 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, 166, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 166, 159) }
```

Border

The CSS property to change the border of an element to Yxy 35.1789, 0.2934, 0.3397 is called "border". The border property can be set on classes, ids or directly on the HTML element.

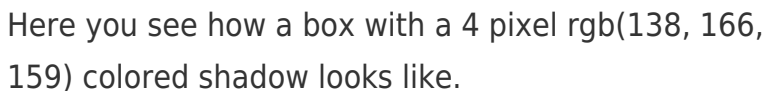
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(138, 166, 159) }
```

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

```
.border{ border-color:rgb(138, 166, 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, 166, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(138, 166, 159); -webkit-box-shadow:4px 4px 4px 4px rgb(138, 166, 159); box-shadow:4px 4px 4px 4px rgb(138, 166, 159) }
```


Background

The CSS property to change the background color of an element to Yxy 35.1789, 0.2934, 0.3397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 166, 159) }
```

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

```
.background{ background-color: rgb(138,  
166, 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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