

Converting Colors

$Yxy(35.9496, 0.2975, 0.3535)$

Have a look what the booklet for
Yxy(35.9496, 0.2975, 0.3535)
contains.

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Color

Yxy(35.9942, 0.2974, 0.3538)

Conversions

Conversions Part 1

Format	Color
Hex	89A999
RGB	137, 169, 153
RGB Percent	54%, 66%, 60%
CMY	0.4627, 0.3373, 0.4000
CMYK	0.19, 0.00, 0.09, 0.34
HSL	150°, 16%, 60%
HSV	150°, 19%, 66%
XYZ	30.2563, 35.9942, 35.4855
YIQ	157.6080, -13.9360, -11.7600

Conversions

Conversions Part 2

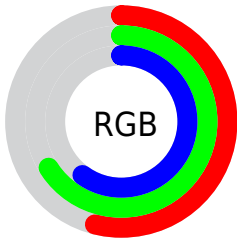
Format	Color
RYB	137, 158, 169
Decimal	9021849
CIELab	66.52, -14.27, 4.63
CIELCh	67, 15.004, 162.012
Yxy	35.9942, 0.2974, 0.3538
Android (android.graphics.Color)	4287211929 (0xFF89A999)
YUV	157.6080, -2.2717, -18.0732
Hunter-Lab	59.9952, -14.9718, 6.9282

Details

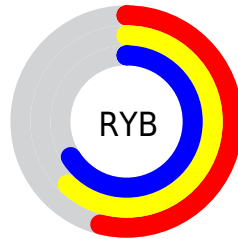
The Yxy color **35.9942, 0.2974, 0.3538** is a light color, and the websafe version is hex **669999**. A complement of this color would be **28.6339, 0.3314, 0.3055**, and the grayscale version is **34.0227, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.8927, 0.3008, 0.3488**, and **15.7081, 0.2929, 0.3625** is the 20% darker color. If you saturate the color by 10%, you get **34.4075, 0.2898, 0.3690**, and if you desaturate by 10%, it is **37.8274, 0.3054, 0.3401**.

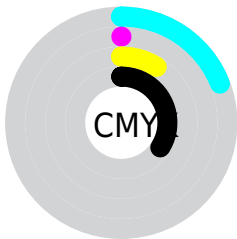
Distribution



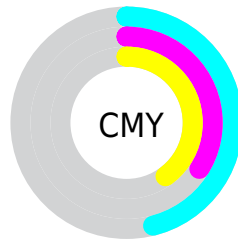
- Red (54%)
- Green (66%)
- Blue (60%)



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



- Cyan (19%)
- Magenta (0%)
- Yellow (9%)
- Black (34%)



- Cyan (46%)
- Magenta (34%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.9942, 0.2974, 0.3538 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 35.9942, 0.2974, 0.3538 by changing the saturation by 10% instead.

 35.9942, 0.2974,
0.3538


 35.9942, 0.2974,
0.3538


328.9352, 0.3055,
0.3407

 24.4297, 0.2952,
0.3574


 69.0231, 0.3005,
0.3488

 15.6527, 0.2923,
0.3621


 91.2563, 0.3016,
0.3470

 9.2787, 0.2883,
0.3687


 117.8146, 0.3025,
0.3455

 4.9234, 0.2823,
0.3787

149.0823, 0.3033,
0.3442

 2.2024, 0.2723,
0.3954

185.4438, 0.3040,
0.3432

 0.7213, 0.2219,
0.4746

227.2835, 0.3045,

 0.0000, 0.0000,

0.3422

0.0000

274.9858, 0.3050,
0.3414

■ 35.9942, 0.2974,
0.3538

■ 35.9942, 0.2974,
0.3538

■ 34.4075, 0.2898,
0.3690

■ 37.8274, 0.3054,
0.3401

■ 33.0521, 0.2829,
0.3855

■ 39.9128, 0.3136,
0.3277

■ 31.9178, 0.2771,
0.4033

■ 42.2614, 0.3218,
0.3168

■ 30.9920, 0.2725,
0.4221

■ 44.8821, 0.3299,
0.3071

■ 30.2606, 0.2696,
0.4414

■ 47.7836, 0.3378,
0.2986

■ 29.7079, 0.2685,
0.4608

■ 50.9741, 0.3454,
0.2912

■ 29.3154, 0.2694,
0.4798

■ 54.4001, 0.3523,
0.2846

■ 29.0483, 0.2719,
0.4979

■ 54.8390, 0.3449,
0.2764

■ 29.0220, 0.2722,
0.4998

■ 55.3006, 0.3376,
0.2683

Harmonies

Analogous

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



35.9942, 0.3201, 0.3670



35.9942, 0.2974, 0.3538



35.9942, 0.2792, 0.3334

Triad

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



35.9942, 0.2974, 0.3538



35.9942, 0.2838, 0.2909



35.9942, 0.3575, 0.3428

Complementary

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



35.9942, 0.2974, 0.3538



28.6339, 0.3314, 0.3055

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.



35.9942, 0.3471, 0.3234



35.9942, 0.2974, 0.3538



35.9942, 0.3040, 0.2942

Square

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



35.9942, 0.2974, 0.3538



35.9942, 0.2716, 0.2972



35.9942, 0.3272, 0.3060



35.9942, 0.3553, 0.3596

Rectangle

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



35.9942, 0.2974, 0.3538



35.9942, 0.2719, 0.3191



35.9942, 0.3272, 0.3060



35.9942, 0.3553, 0.3364

Sweetspot

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



35.9957, 0.2974, 0.3538



68.7514, 0.3077, 0.3364



37.0080, 0.3257, 0.3773



14.9364, 0.3072, 0.3372



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.



35.9957, 0.2974, 0.3538



63.1366, 0.2939, 0.3604



36.5407, 0.2853, 0.3297



8.4679, 0.3051, 0.3405



21.6409, 0.2717, 0.4980



0.5369, 0.2546, 0.4366

Inverse Universe

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



28.6339, 0.3314, 0.3055



47.3310, 0.3368, 0.2996



28.1551, 0.3483, 0.3283



7.6026, 0.3211, 0.3178



6.7816, 0.4920, 0.2484



0.1753, 0.4216, 0.2096

Previews

White Background



This preview shows how the Yxy color 35.9942, 0.2974, 0.3538 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 35.9942, 0.2974, 0.3538 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

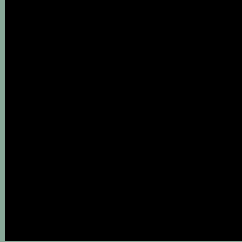
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

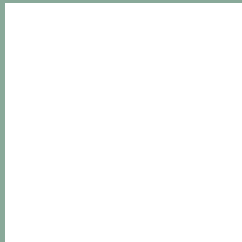
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 35.9942, 0.2974, 0.3538

Background



This preview shows how black text looks on a background with the Yxy color 35.9942, 0.2974, 0.3538.



This preview shows how white text looks on a background with the Yxy color 35.9942, 0.2974, 0.3538.

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

35.9942, 0.2974, 0.3538

Protanopia

35.8752, 0.3294, 0.3465

Deuteranopia

35.7609, 0.3357, 0.3291



Tritanopia

35.8754, 0.2818, 0.3097

Trichromacy



Original Color

35.9942, 0.2974, 0.3538

Protanomaly

35.8208, 0.3174, 0.3499

Deuteranomaly

35.7488, 0.3210, 0.3378

Tritanomaly

35.7125, 0.2872, 0.3244

Monochromacy



Original Color

35.9942, 0.2974, 0.3538

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

34.7250, 0.3067, 0.3381

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.9942, 0.2974, 0.3538 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(137, 169, 153)` looks like.

```
.text, #text, p{  
    color:rgb(137, 169, 153)  
}
```

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(137, 169, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 169, 153) }
```

Border

The CSS property to change the border of an element to Yxy 35.9942, 0.2974, 0.3538 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(137, 169, 153) }
```

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

```
.border{ border-color:rgb(137, 169, 153) }
```

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

Here you see how a box with a 4 pixel rgb(137, 169, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 169, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 169, 153);  
box-shadow:4px 4px 4px 4px rgb(137, 169,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 35.9942, 0.2974, 0.3538 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 169, 153) }
```

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

```
.background{ background-color: rgb(137,  
169, 153) }
```

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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