

Converting Colors

$Y_{xy}(35.4912, 0.3205, 0.3551)$

Have a look what the booklet for
Yxy(35.4912, 0.3205, 0.3551)
contains.

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Color

Yxy(35.6942, 0.3209, 0.3560)

Conversions

Conversions Part 1

Format	Color
Hex	9CA492
RGB	156, 164, 146
RGB Percent	61%, 64%, 57%
CMY	0.3882, 0.3569, 0.4274
CMYK	0.05, 0.00, 0.11, 0.36
HSL	87°, 9%, 61%
HSV	87°, 11%, 64%
XYZ	32.1749, 35.6942, 32.3955
YIQ	159.5560, 1.0100, -7.2940

Conversions

Conversions Part 2

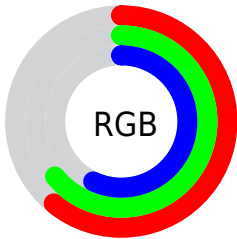
Format	Color
RYB	146, 164, 154
Decimal	10265746
CIELab	66.29, -6.21, 8.35
CIELCh	66, 10.410, 126.630
Yxy	35.6942, 0.3209, 0.3560
Android (android.graphics.Color)	4288455826 (0xFF9CA492)
YUV	159.5560, -6.6831, -3.1186
Hunter-Lab	59.7446, -8.4236, 9.6723

Details

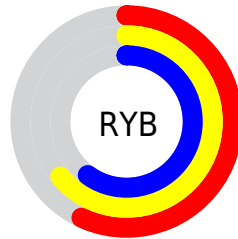
The Yxy color **35.6942, 0.3209, 0.3560** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.1167, 0.3038, 0.3019**, and the grayscale version is **34.9710, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.6821, 0.3197, 0.3506**, and **15.4361, 0.3232, 0.3633** is the 20% darker color. If you saturate the color by 10%, you get **34.5148, 0.3283, 0.3826**, and if you desaturate by 10%, it is **36.9937, 0.3134, 0.3313**.

Distribution



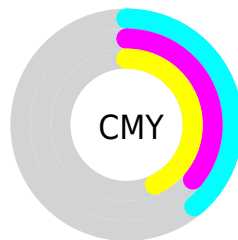
- Red (61%)
- Green (64%)
- Blue (57%)



- Red (57%)
- Yellow (64%)
- Blue (60%)



- Cyan (5%)
- Magenta (0%)
- Yellow (11%)
- Black (36%)





- Cyan (39%)
- Magenta (36%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.6942, 0.3209, 0.3560 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 35.6942, 0.3209, 0.3560 by changing the saturation by 10% instead.


 35.6942, 0.3209,
0.3560


 35.6942, 0.3209,
0.3560


327.6220, 0.3167,
0.3417

 24.1981, 0.3220,
0.3598


 68.5598, 0.3194,
0.3506

 15.4806, 0.3234,
0.3650


 90.6981, 0.3188,
0.3486

 9.1574, 0.3252,
0.3721


117.1526, 0.3183,
0.3470

 4.8440, 0.3279,
0.3828

148.3077, 0.3179,
0.3456

 2.1560, 0.3319,
0.4004

184.5478, 0.3175,
0.3444

 0.6959, 0.3696,
0.5045

226.2573, 0.3172,

 0.0000, 0.0000,

0.3434

0.0000

273.8206, 0.3170,
0.3425

■ 35.6942, 0.3209,
0.3560

■ 35.6942, 0.3209,
0.3560

■ 34.5148, 0.3283,
0.3826

■ 36.9937, 0.3134,
0.3313

■ 33.4470, 0.3353,
0.4105

■ 38.4123, 0.3061,
0.3086

■ 32.4882, 0.3417,
0.4392

■ 39.9551, 0.2991,
0.2880

■ 31.6340, 0.3469,
0.4677

■ 41.6253, 0.2924,
0.2694

■ 30.8798, 0.3505,
0.4947

■ 43.4262, 0.2861,
0.2528

■ 30.2201, 0.3522,
0.5189

■ 45.3608, 0.2803,
0.2379

■ 29.6493, 0.3516,
0.5390

■ 47.0515, 0.2787,
0.2297

■ 29.1605, 0.3488,
0.5542

■ 48.1280, 0.2844,
0.2313

■ 28.7764, 0.3450,
0.5643

■ 49.2538, 0.2901,
0.2329

Harmonies

Analogous

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



35.6942, 0.3350, 0.3561



35.6942, 0.3209, 0.3560



35.6942, 0.3049, 0.3482

Triad

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



35.6942, 0.3209, 0.3560



35.6942, 0.2831, 0.3085



35.6942, 0.3345, 0.3228

Complementary

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



35.6942, 0.3209, 0.3560



30.1167, 0.3038, 0.3019

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.



35.6942, 0.3201, 0.3109



35.6942, 0.3209, 0.3560



35.6942, 0.2905, 0.3026

Square

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



35.6942, 0.3209, 0.3560



35.6942, 0.2833, 0.3202



35.6942, 0.3040, 0.3036



35.6942, 0.3430, 0.3366

Rectangle

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



35.6942, 0.3209, 0.3560



35.6942, 0.2953, 0.3397



35.6942, 0.3040, 0.3036



35.6942, 0.3301, 0.3185

Sweetspot

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



35.6957, 0.3209, 0.3560



66.6365, 0.3150, 0.3363



33.0181, 0.3304, 0.3406



14.5268, 0.3156, 0.3382



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.



35.6957, 0.3209, 0.3560



64.2841, 0.3226, 0.3619



34.8512, 0.3125, 0.3567



8.0797, 0.3196, 0.3517



22.0920, 0.3456, 0.5638



0.4917, 0.3727, 0.5423

Inverse Universe

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



30.1167, 0.3038, 0.3019



52.2401, 0.3018, 0.2959



31.0102, 0.3127, 0.3026



7.0070, 0.3053, 0.3062



3.1686, 0.1940, 0.0842



0.0945, 0.2370, 0.1079

Previews

White Background



This preview shows how the Yxy color 35.6942, 0.3209, 0.3560 looks on a white background.

Color Contrast Check

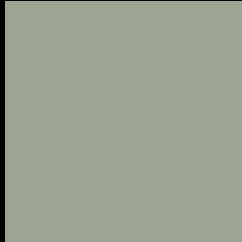
Large Text (above 18pt) WCAG AA × Fail

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 35.6942, 0.3209, 0.3560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

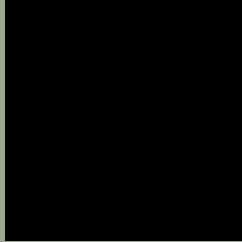
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.6942, 0.3209, 0.3560

Background



This preview shows how black text looks on a background with the Yxy color 35.6942, 0.3209, 0.3560.



This preview shows how white text looks on a background with the Yxy color 35.6942, 0.3209, 0.3560.

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

35.6942, 0.3209, 0.3560

Protanopia

35.4801, 0.3352, 0.3524

Deuteranopia

35.4046, 0.3458, 0.3389



Tritanopia

35.6323, 0.3014, 0.3103

Trichromacy



Original Color

35.6942, 0.3209, 0.3560

Protanomaly

35.4266, 0.3301, 0.3526

Deuteranomaly

35.3310, 0.3368, 0.3449

Tritanomaly

35.5050, 0.3091, 0.3261

Monochromacy



Original Color

35.6942, 0.3209, 0.3560

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

35.2272, 0.3161, 0.3379

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.6942, 0.3209, 0.3560 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(156, 164, 146)` looks like.

```
.text, #text, p{  
    color:rgb(156, 164, 146)  
}
```

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(156, 164, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 164, 146) }
```

Border

The CSS property to change the border of an element to Yxy 35.6942, 0.3209, 0.3560 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(156, 164, 146) }
```

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

```
.border{ border-color:rgb(156, 164, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 164, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(156, 164, 146); -webkit-box-shadow:4px 4px 4px 4px rgb(156, 164, 146); box-shadow:4px 4px 4px 4px rgb(156, 164, 146) }
```


Background

The CSS property to change the background color of an element to Yxy 35.6942, 0.3209, 0.3560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 164, 146) }
```

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

```
.background{ background-color: rgb(156,  
164, 146) }
```

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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