Converting Colors

Yxy(33.8301, 0.3179, 0.3442)

Have a look what the booklet for Yxy(33.8301, 0.3179, 0.3442) contains.

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Color

Yxy(33.9348, 0.3178, 0.3441)

Conversions

Format	Color
Hex	9B9F95
RGB	155, 159, 149
RGB Percent	61%, 62%, 58%
CMY	0.3922, 0.3765, 0.4156
CMYK	0.03, 0.00, 0.06, 0.38
HSL	84°, 5%, 60%
HSV	84°, 6%, 62%
XYZ	31.3411, 33.9348, 33.3431
YIQ	156.6640, 0.8260, -3.9580

Conversions Part 1

Conversions

Conversions Part 2

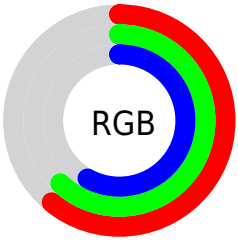
Format	Color
RYB	149, 159, 153
Decimal	10198933
CIELab	64.91, -3.32, 4.69
CIELCh	65, 5.751, 125.283
Yxy	33.9348, 0.3178, 0.3441
Android (android.graphics.Color)	4288389013 (0xFF9B9F95)
YUV	156.6640, -3.7784, -1.4593
Hunter-Lab	58.2536, -5.9087, 6.8412

Details

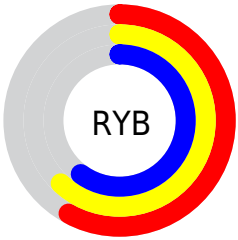
The Yxy color 33.9348, 0.3178, 0.3441 is a light color, and the websafe version is hex 999999. A complement of this color would be 30.7830, 0.3074, 0.3138, and the grayscale version is 33.5761, 0.3127, 0.3290.

A 20% lighter version of the original color is 65.9602, 0.3165, 0.3416, and 14.5500, 0.3200, 0.3507 is the 20% darker color. If you saturate the color by 10%, you get 32.8466, 0.3259, 0.3696, and if you desaturate by 10%, it is 35.1288, 0.3097, 0.3204.

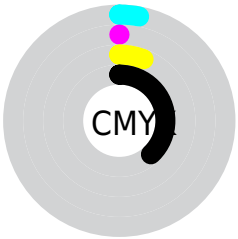
Distribution



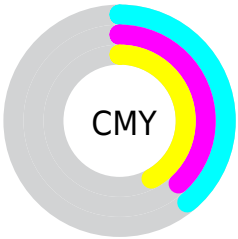
- Red (61%)
- Green (62%)
- Blue (58%)



- Red (58%)
- Yellow (62%)
- Blue (60%)



- Cyan (3%)
- Magenta (0%)
- Yellow (6%)
- Black (38%)



- Cyan (39%)
- Magenta (38%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 33.9348, 0.3178, 0.3441 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 33.9348, 0.3178, 0.3441 by changing the saturation by 10% instead.

33.9348, 0.3178, 0.3441

33.9348, 0.3178, 0.3441

319.8412, 0.3152, 0.3361

22.8435, 0.3185, 0.3463

65.8323, 0.3168, 0.3411

14.4780, 0.3194, 0.3492

87.4072, 0.3164, 0.3400

8.4539, 0.3207, 0.3532

113.2456, 0.3161, 0.3391

4.3867, 0.3225, 0.3593

143.7316, 0.3159, 0.3383

1.8922, 0.3255, 0.3694

179.2498, 0.3157, 0.3376

0.5437, 0.3505, 0.4374

220.1846, 0.3155,

0.0000, 0.0000,

0.3370

0.0000

266.9202, 0.3153, 0.3365

33.9348, 0.3178, 0.3441

33.9348, 0.3178, 0.3441

32.8466, 0.3259, 0.3696

35.1288, 0.3097, 0.3204

31.8565, 0.3339, 0.3967

36.4272, 0.3019, 0.2987

30.9624, 0.3413, 0.4247

37.8346, 0.2945, 0.2789

30.1606, 0.3479, 0.4527

39.3539, 0.2875, 0.2612

29.4470, 0.3530, 0.4798

40.9876, 0.2809, 0.2452

28.8173, 0.3563, 0.5047

28.2665, 0.3575, 0.5261

27.7891, 0.3563, 0.5430

27.3774, 0.3530, 0.5550

42.7386, 0.2748, 0.2309

44.2612, 0.2727, 0.2227

45.1584, 0.2777, 0.2241

46.0928, 0.2827, 0.2256

Harmonies

Analogous

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

33.9348, 0.3255, 0.3441

33.9348, 0.3178, 0.3441

33.9348, 0.3088, 0.3399

Triad

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

33.9348, 0.3178, 0.3441

33.9348, 0.2958, 0.3178

33.9348, 0.3246, 0.3253

Complementary

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

33.9348, 0.3178, 0.3441

30.7830, 0.3074, 0.3138

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.

33.9348, 0.3165, 0.3185

33.9348, 0.3178, 0.3441

33.9348, 0.2999, 0.3141

Square

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

33.9348, 0.3178, 0.3441

33.9348, 0.2962, 0.3246

33.9348, 0.3075, 0.3144

33.9348, 0.3295, 0.3331

Rectangle

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

33.9348, 0.3178, 0.3441

33.9348, 0.3033, 0.3353

33.9348, 0.3075, 0.3144

33.9348, 0.3222, 0.3228

Sweetspot

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

33.9363, 0.3178, 0.3441

61.6554, 0.3144, 0.3338

32.3305, 0.3225, 0.3350

13.9059, 0.3143, 0.3335

80.7346, 0.3127, 0.3290

13.9985, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.

33.9363, 0.3178, 0.3441

60.3933, 0.3193, 0.3488

33.4548, 0.3130, 0.3443

7.5872, 0.3202, 0.3515

21.5345, 0.3521, 0.5586

0.4092, 0.3798, 0.5366

Inverse Universe

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

30.7830, 0.3074, 0.3138

53.1469, 0.3057, 0.3091

31.2767, 0.3124, 0.3141

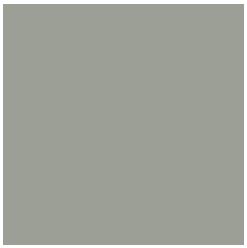
6.5589, 0.3047, 0.3063

2.8591, 0.1868, 0.0803

0.0750, 0.2331, 0.1058

Previews

White Background

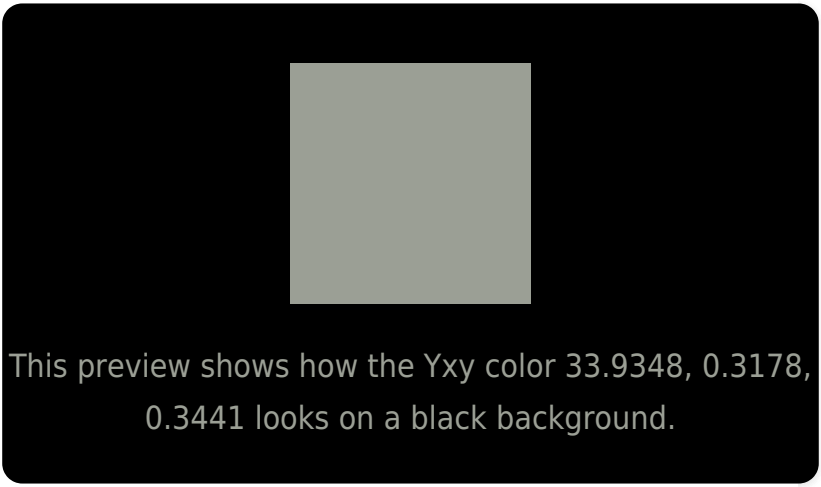


This preview shows how the Yxy color 33.9348, 0.3178, 0.3441 looks on a white background.

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



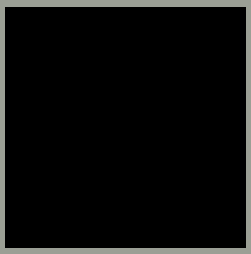
This preview shows how the Yxy color 33.9348, 0.3178, 0.3441 looks on a black background.

Color Contrast Check

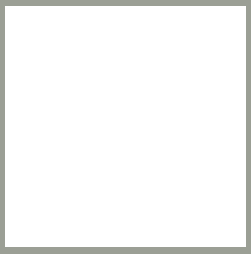
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the Color Contrast Checker.

Yxy 33.9348, 0.3178, 0.3441 Background



This preview shows how black text looks on a background with the Yxy color 33.9348, 0.3178, 0.3441.



This preview shows how white text looks on a background with the Yxy color 33.9348, 0.3178, 0.3441.

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

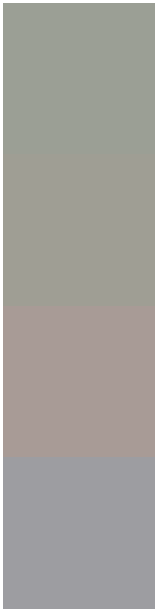
Original Color
33.9348, 0.3178, 0.3441

Protanopia
33.9334, 0.3260, 0.3424

Deuteranopia
33.7724, 0.3382, 0.3319

Tritanopia
33.8732, 0.3039, 0.3114

Trichromacy



Original Color
33.9348, 0.3178, 0.3441

Protanomaly
33.9628, 0.3228, 0.3440

Deuteranomaly
33.9695, 0.3305, 0.3363

Tritanomaly
33.8552, 0.3091, 0.3231

Monochromacy

Original Color
33.9348, 0.3178, 0.3441

Achromatopsia
33.7164, 0.3127, 0.3290

Achromatomaly
33.8547, 0.3144, 0.3350

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.9348, 0.3178, 0.3441 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(155, 159, 149) looks like.

```
.text, #text, p{
    color:rgb(155, 159, 149)
}
```

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(155, 159, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 159, 149) }
```

Border

The CSS property to change the border of an element to Yxy 33.9348, 0.3178, 0.3441 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(155, 159, 149) }
```

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

```
.border{ border-color:rgb(155, 159, 149) }
```

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

Here you see how a box with a 4 pixel rgb(155, 159, 149) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 159, 149); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 159, 149); box-shadow:4px 4px 4px 4px rgb(155, 159, 149) }
```

Background

The CSS property to change the background color of an element to Yxy 33.9348, 0.3178, 0.3441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(155, 159, 149) }
```

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

```
.background{ background-color:rgb(155,
159, 149) }
```

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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