

Converting Colors

$Yxy(35.2061, 0.3247, 0.3437)$

Have a look what the booklet for
Yxy(35.2061, 0.3247, 0.3437)
contains.

Yxy(35.1302, 0.3247, 0.3438)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(35.1302, 0.3247, 0.3438)

Conversions

Conversions Part 1

Format	Color
Hex	A3A096
RGB	163, 160, 150
RGB Percent	64%, 63%, 59%
CMY	0.3608, 0.3725, 0.4119
CMYK	0.00, 0.02, 0.08, 0.36
HSL	46°, 7%, 61%
HSV	46°, 8%, 64%
XYZ	33.1785, 35.1302, 33.8734
YIQ	159.7570, 4.9980, -2.4740

Conversions

Conversions Part 2

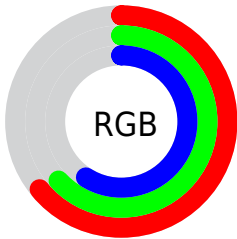
Format	Color
RYB	154, 163, 150
Decimal	10723478
CIELab	65.85, -0.75, 5.60
CIELCh	66, 5.652, 97.595
Yxy	35.1302, 0.3247, 0.3438
Android (android.graphics.Color)	4288913558 (0xFFA3A096)
YUV	159.7570, -4.8102, 2.8441
Hunter-Lab	59.2707, -3.8032, 7.6051

Details

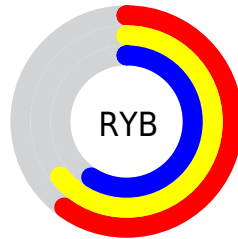
The Yxy color **35.1302, 0.3247, 0.3438** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.8976, 0.3007, 0.3138**, and the grayscale version is **35.0571, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.8659, 0.3225, 0.3413**, and **15.2176, 0.3283, 0.3500** is the 20% darker color. If you saturate the color by 10%, you get **33.3625, 0.3408, 0.3630**, and if you desaturate by 10%, it is **37.0132, 0.3098, 0.3254**.

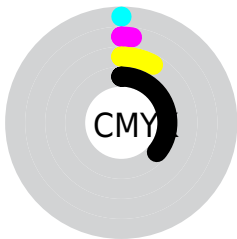
Distribution



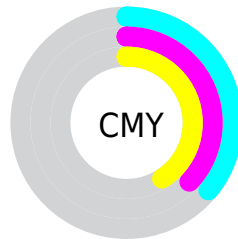
- Red (64%)
- Green (63%)
- Blue (59%)



- Red (60%)
- Yellow (64%)
- Blue (59%)



- Cyan (0%)
- Magenta (2%)
- Yellow (8%)
- Black (36%)





- Cyan (36%)
- Magenta (37%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.1302, 0.3247, 0.3438 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 35.1302, 0.3247, 0.3438 by changing the saturation by 10% instead.


 35.1302, 0.3247,
0.3438


 35.1302, 0.3247,
0.3438


325.1427, 0.3184,
0.3360

 23.7632, 0.3264,
0.3459


 67.6874, 0.3224,
0.3409

 15.1580, 0.3286,
0.3486


 89.6464, 0.3215,
0.3398

 8.9304, 0.3316,
0.3524


115.9049, 0.3208,
0.3389

 4.6958, 0.3361,
0.3580

146.8472, 0.3202,
0.3382

 2.0699, 0.3433,
0.3672

182.8577, 0.3196,
0.3375

 0.6476, 0.3833,
0.4156

224.3208, 0.3192,

 0.0000, 0.0000,

0.3370

0.0000

271.6210, 0.3188,
0.3365

■ 35.1302, 0.3247,
0.3438

■ 35.1302, 0.3247,
0.3438

■ 33.3625, 0.3408,
0.3630

■ 37.0132, 0.3098,
0.3254

■ 31.7021, 0.3579,
0.3826

■ 39.0102, 0.2962,
0.3080

■ 30.1471, 0.3757,
0.4021

■ 41.1255, 0.2839,
0.2918

■ 28.6936, 0.3937,
0.4206

■ 43.3621, 0.2728,
0.2769

■ 27.3376, 0.4114,
0.4372

■ 45.7227, 0.2628,
0.2631

■ 26.0745, 0.4280,
0.4510

■ 48.2100, 0.2539,
0.2506

■ 24.8992, 0.4427,
0.4609

■ 50.2283, 0.2505,
0.2479

■ 23.8060, 0.4549,
0.4665

■ 51.8313, 0.2512,
0.2525

■ 22.7848, 0.4644,
0.4678

■ 53.4761, 0.2518,
0.2571

Harmonies

Analogous

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



35.1302, 0.3292, 0.3401



35.1302, 0.3247, 0.3438



35.1302, 0.3170, 0.3435

Triad

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



35.1302, 0.3247, 0.3438



35.1302, 0.2965, 0.3241



35.1302, 0.3171, 0.3192

Complementary

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



35.1302, 0.3247, 0.3438



31.8976, 0.3007, 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.



35.1302, 0.3083, 0.3150



35.1302, 0.3247, 0.3438



35.1302, 0.2965, 0.3177

Square

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



35.1302, 0.3247, 0.3438



35.1302, 0.3008, 0.3320



35.1302, 0.3008, 0.3144



35.1302, 0.3248, 0.3259

Rectangle

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



35.1302, 0.3247, 0.3438



35.1302, 0.3111, 0.3410



35.1302, 0.3008, 0.3144



35.1302, 0.3141, 0.3175

Sweetspot

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



35.1317, 0.3247, 0.3438



64.8985, 0.3157, 0.3327



31.8905, 0.3232, 0.3245



14.5848, 0.3155, 0.3325



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.



35.1317, 0.3247, 0.3438



62.2045, 0.3281, 0.3480



35.8217, 0.3209, 0.3483



7.9598, 0.3267, 0.3462



17.6233, 0.4658, 0.4684



0.4344, 0.4460, 0.4841

Inverse Universe

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



31.8976, 0.3007, 0.3138



54.9338, 0.2972, 0.3093



31.2636, 0.3041, 0.3093



7.1120, 0.2987, 0.3112



3.1666, 0.1577, 0.0877



0.1323, 0.1757, 0.1524

Previews

White Background



This preview shows how the Yxy color 35.1302, 0.3247, 0.3438 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 35.1302, 0.3247, 0.3438 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

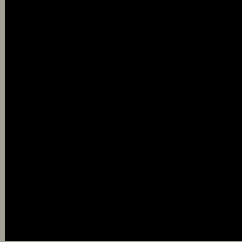
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

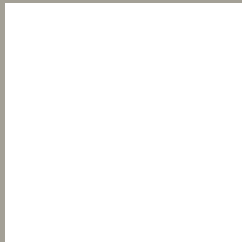
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 35.1302, 0.3247, 0.3438

Background



This preview shows how black text looks on a background with the Yxy color 35.1302, 0.3247, 0.3438.



This preview shows how white text looks on a background with the Yxy color 35.1302, 0.3247, 0.3438.

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

35.1302, 0.3247, 0.3438

Protanopia

34.9976, 0.3268, 0.3422

Deuteranopia

34.9293, 0.3410, 0.3333



Tritanopia

35.0855, 0.3106, 0.3119

Trichromacy



Original Color

35.1302, 0.3247, 0.3438

Protanomaly

34.8908, 0.3258, 0.3423

Deuteranomaly

34.8955, 0.3344, 0.3362

Tritanomaly

35.0617, 0.3159, 0.3232

Monochromacy



Original Color

35.1302, 0.3247, 0.3438

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

35.1190, 0.3173, 0.3349

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.1302, 0.3247, 0.3438 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(163, 160, 150)` looks like.

```
.text, #text, p{  
    color:rgb(163, 160, 150)  
}
```

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(163, 160, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 160, 150) }
```

Border

The CSS property to change the border of an element to Yxy 35.1302, 0.3247, 0.3438 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(163, 160, 150) }
```

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

```
.border{ border-color:rgb(163, 160, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 160, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 160, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 160, 150);  
box-shadow:4px 4px 4px 4px rgb(163, 160,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 35.1302, 0.3247, 0.3438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 160, 150) }
```

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

```
.background{ background-color: rgb(163,  
160, 150) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor