

Converting Colors

$Y_{xy}(42.8405, 0.3144, 0.3359)$

Have a look what the booklet for
Yxy(42.8405, 0.3144, 0.3359)
contains.

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Color

Yxy(42.8752, 0.3142, 0.3358)

Conversions

Conversions Part 1

Format	Color
Hex	ADB0AB
RGB	173, 176, 171
RGB Percent	68%, 69%, 67%
CMY	0.3214, 0.3098, 0.3294
CMYK	0.02, 0.00, 0.03, 0.31
HSL	95°, 3%, 68%
HSV	95°, 3%, 69%
XYZ	40.1173, 42.8752, 44.6883
YIQ	174.5330, -0.1830, -2.1910

Conversions

Conversions Part 2

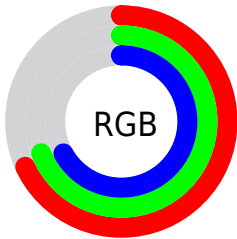
Format	Color
RYB	171, 176, 174
Decimal	11382955
CIELab	71.47, -1.97, 2.18
CIELCh	71, 2.936, 132.048
Yxy	42.8752, 0.3142, 0.3358
Android (android.graphics.Color)	4289573035 (0xFFADB0AB)
YUV	174.5330, -1.7418, -1.3444
Hunter-Lab	65.4792, -5.2264, 5.3711

Details

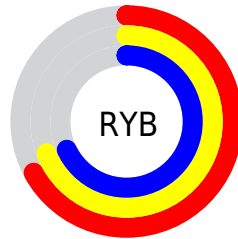
The Yxy color **42.8752, 0.3142, 0.3358** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.2515, 0.3112, 0.3222**, and the grayscale version is **42.6294, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.6982, 0.3138, 0.3353**, and **19.8122, 0.3147, 0.3384** is the 20% darker color. If you saturate the color by 10%, you get **41.1127, 0.3194, 0.3613**, and if you desaturate by 10%, it is **44.8226, 0.3090, 0.3127**.

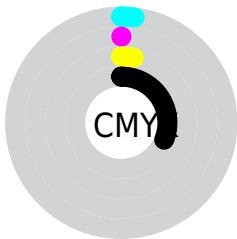
Distribution



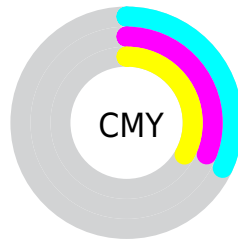
- Red (68%)
- Green (69%)
- Blue (67%)



- Red (67%)
- Yellow (69%)
- Blue (68%)



- Cyan (2%)
- Magenta (0%)
- Yellow (3%)
- Black (31%)



- Cyan (32%)
- Magenta (31%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.8752, 0.3142, 0.3358 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 42.8752, 0.3142, 0.3358 by changing the saturation by 10% instead.

■ 42.8752, 0.3142,
0.3358

■ 42.8752, 0.3142,
0.3358

358.0983, 0.3135,
0.3323

■ 29.7872, 0.3144,
0.3367

■ 79.5225, 0.3139,
0.3345

■ 19.6771, 0.3146,
0.3378

103.8506, 0.3138,
0.3341

■ 12.1606, 0.3150,
0.3394

132.6942, 0.3137,
0.3337

■ 6.8531, 0.3154,
0.3416

166.4377, 0.3137,
0.3333

■ 3.3704, 0.3161,
0.3450

205.4654, 0.3136,
0.3330

■ 1.3280, 0.3172,
0.3510

250.1618, 0.3136,

■ 0.1628, 0.3626,

0.3328

0.5531

300.9113, 0.3135,
0.3325

0.0000, 0.0000,
0.0000

42.8752, 0.3142,
0.3358

42.8752, 0.3142,
0.3358

41.1127, 0.3194,
0.3613

44.8226, 0.3090,
0.3127

39.5239, 0.3244,
0.3890

46.9546, 0.3039,
0.2919

38.1048, 0.3290,
0.4186

49.2782, 0.2991,
0.2734

36.8492, 0.3328,
0.4492

51.7982, 0.2945,
0.2570

35.7504, 0.3355,
0.4798

54.2594, 0.2929,
0.2460

■ 34.8012, 0.3366,
0.5089

■ 55.9764, 0.3009,
0.2480

■ 33.9938, 0.3360,
0.5348

■ 57.7963, 0.3090,
0.2499

■ 33.3194, 0.3335,
0.5560

■ 59.5270, 0.3163,
0.2517

■ 32.7678, 0.3292,
0.5714

Harmonies

Analogous

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



42.8752, 0.3181, 0.3363



42.8752, 0.3142, 0.3358



42.8752, 0.3100, 0.3335

Triad

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



42.8752, 0.3142, 0.3358



42.8752, 0.3050, 0.3232



42.8752, 0.3190, 0.3281

Complementary

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



42.8752, 0.3142, 0.3358



41.2515, 0.3112, 0.3222

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.



42.8752, 0.3155, 0.3246



42.8752, 0.3142, 0.3358



42.8752, 0.3074, 0.3218

Square

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



42.8752, 0.3142, 0.3358



42.8752, 0.3047, 0.3262



42.8752, 0.3112, 0.3224



42.8752, 0.3209, 0.3318

Rectangle

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



42.8752, 0.3142, 0.3358



42.8752, 0.3075, 0.3312



42.8752, 0.3112, 0.3224



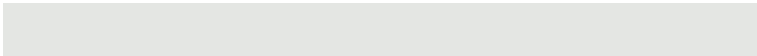
42.8752, 0.3180, 0.3269

Sweetspot

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



42.8770, 0.3142, 0.3358



78.3912, 0.3132, 0.3314



42.4069, 0.3170, 0.3330



16.9928, 0.3132, 0.3313



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



42.8770, 0.3142, 0.3358



77.7015, 0.3143, 0.3363



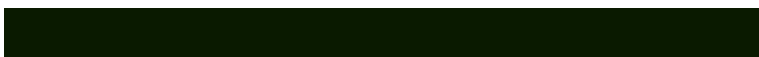
42.6609, 0.3121, 0.3353



9.8865, 0.3147, 0.3380



23.8338, 0.3263, 0.5791



0.7844, 0.3498, 0.5605

Inverse Universe

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



41.2515, 0.3112, 0.3222



74.5326, 0.3111, 0.3217



41.4722, 0.3134, 0.3228



9.3942, 0.3107, 0.3200



4.4818, 0.2221, 0.0997



0.1742, 0.2498, 0.1150

Previews

White Background



This preview shows how the Yxy color 42.8752, 0.3142, 0.3358 looks on a white background.

Color Contrast Check

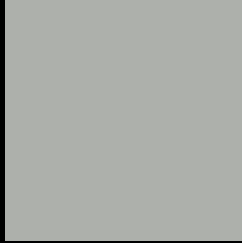
Large Text (above 18pt) WCAG AA × Fail

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 42.8752, 0.3142, 0.3358 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

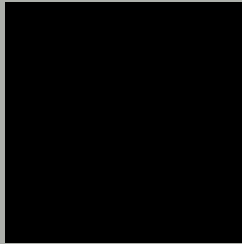
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

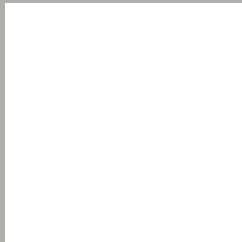
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 42.8752, 0.3142, 0.3358

Background



This preview shows how black text looks on a background with the Yxy color 42.8752, 0.3142, 0.3358.



This preview shows how white text looks on a background with the Yxy color 42.8752, 0.3142, 0.3358.

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

42.8752, 0.3142, 0.3358

Protanopia

42.7581, 0.3205, 0.3344

Deuteranopia

42.6919, 0.3323, 0.3252



Tritanopia

43.0901, 0.3039, 0.3118

Trichromacy



Original Color

42.8752, 0.3142, 0.3358

Protanomaly

42.9093, 0.3186, 0.3358

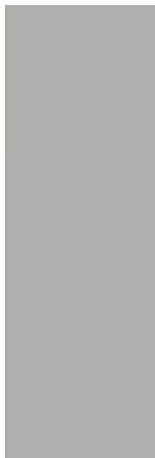
Deuteranomaly

42.9227, 0.3254, 0.3290

Tritanomaly

43.1101, 0.3079, 0.3210

Monochromacy



Original Color

42.8752, 0.3142, 0.3358

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.7146, 0.3127, 0.3304

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.8752, 0.3142, 0.3358 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(173, 176, 171)` looks like.

```
.text, #text, p{  
    color:rgb(173, 176, 171)  
}
```

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(173, 176, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 176, 171) }
```

Border

The CSS property to change the border of an element to Yxy 42.8752, 0.3142, 0.3358 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(173, 176, 171) }
```

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

```
.border{ border-color:rgb(173, 176, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 176, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 176, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 176, 171);  
box-shadow:4px 4px 4px 4px rgb(173, 176,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 42.8752, 0.3142, 0.3358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 176, 171) }
```

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

```
.background{ background-color: rgb(173,  
176, 171) }
```

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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