

Converting Colors

$Yxy(41.4894, 0.3152, 0.3324)$

Have a look what the booklet for
Yxy(41.4894, 0.3152, 0.3324)
contains.

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Color

Yxy(41.6737, 0.3152, 0.3331)

Conversions

Conversions Part 1

Format	Color
Hex	ADADAA
RGB	173, 173, 170
RGB Percent	68%, 68%, 67%
CMY	0.3215, 0.3216, 0.3333
CMYK	0.00, 0.00, 0.02, 0.32
HSL	60°, 2%, 67%
HSV	60°, 2%, 68%
XYZ	39.4343, 41.6737, 44.0007
YIQ	172.6580, 0.9630, -0.9330

Conversions

Conversions Part 2

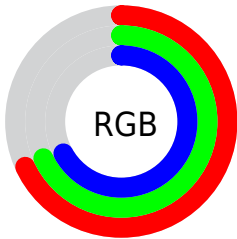
Format	Color
RYB	170, 173, 170
Decimal	11382186
CIELab	70.65, -0.55, 1.52
CIELCh	71, 1.621, 109.904
Yxy	41.6737, 0.3152, 0.3331
Android (android.graphics.Color)	4289572266 (0xFFADADAA)
YUV	172.6580, -1.3104, 0.2999
Hunter-Lab	64.5552, -3.9328, 4.7766

Details

The Yxy color **41.6737, 0.3152, 0.3331** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.3194, 0.3102, 0.3249**, and the grayscale version is **41.6139, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.4170, 0.3146, 0.3322**, and **19.0477, 0.3162, 0.3347** is the 20% darker color. If you saturate the color by 10%, you get **41.0575, 0.3299, 0.3573**, and if you desaturate by 10%, it is **42.3797, 0.3011, 0.3099**.

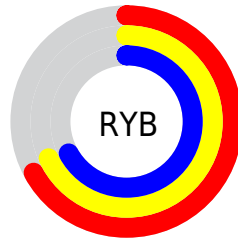
Distribution



Red (68%)

Green (68%)

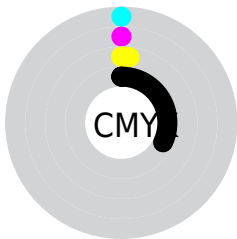
Blue (67%)



Red (67%)

Yellow (68%)

Blue (67%)

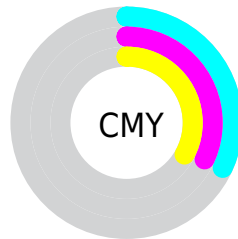


Cyan (0%)

Magenta (0%)

Yellow (2%)

Black (32%)



Cyan (32%)

Magenta (32%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.6737, 0.3152, 0.3331 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 41.6737, 0.3152, 0.3331 by changing the saturation by 10% instead.

■ 41.6737, 0.3152,
0.3331

■ 41.6737, 0.3152,
0.3331

353.1285, 0.3139,
0.3310

■ 28.8459, 0.3155,
0.3336

■ 77.7055, 0.3147,
0.3323

■ 18.9643, 0.3159,
0.3343

101.6784, 0.3146,
0.3320

■ 11.6445, 0.3165,
0.3353

130.1349, 0.3144,
0.3318

■ 6.5021, 0.3173,
0.3366

163.4597, 0.3143,
0.3316

■ 3.1527, 0.3186,
0.3387

202.0371, 0.3142,
0.3314

■ 1.2120, 0.3207,
0.3424

246.2514, 0.3141,

■ 0.0714, 0.4324,

0.3313

0.5676

296.4871, 0.3140,
0.3311

0.0000, 0.0000,
0.0000

41.6737, 0.3152,
0.3331

41.6737, 0.3152,
0.3331

41.0575, 0.3299,
0.3573

42.3797, 0.3011,
0.3099

40.5223, 0.3448,
0.3821

43.1732, 0.2879,
0.2880

40.0665, 0.3597,
0.4065

44.0590, 0.2756,
0.2677

39.6860, 0.3739,
0.4300

45.0400, 0.2643,
0.2491

39.3770, 0.3869,
0.4514

46.0211, 0.2549,
0.2335

■ 39.1347, 0.3981,
0.4699

■ 46.0267, 0.2549,
0.2335

■ 38.9542, 0.4071,
0.4848

■ 46.0324, 0.2549,
0.2335

■ 38.8297, 0.4136,
0.4955

■ 46.0380, 0.2549,
0.2335

■ 38.7545, 0.4176,
0.5020

■ 46.0437, 0.2549,
0.2336

Harmonies

Analogous

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



41.6737, 0.3168, 0.3326



41.6737, 0.3152, 0.3331



41.6737, 0.3129, 0.3325

Triad

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



41.6737, 0.3152, 0.3331



41.6737, 0.3081, 0.3269



41.6737, 0.3148, 0.3270

Complementary

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



41.6737, 0.3152, 0.3331



40.3194, 0.3102, 0.3249

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.



41.6737, 0.3125, 0.3255



41.6737, 0.3152, 0.3331



41.6737, 0.3087, 0.3255

Square

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



41.6737, 0.3152, 0.3331



41.6737, 0.3089, 0.3290



41.6737, 0.3102, 0.3250



41.6737, 0.3166, 0.3291

Rectangle

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



41.6737, 0.3152, 0.3331



41.6737, 0.3113, 0.3316



41.6737, 0.3102, 0.3250



41.6737, 0.3141, 0.3265

Sweetspot

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



41.6755, 0.3152, 0.3331



74.7191, 0.3142, 0.3314



40.5432, 0.3154, 0.3289



16.2396, 0.3141, 0.3313



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



41.6755, 0.3152, 0.3331



74.5984, 0.3156, 0.3338



41.5124, 0.3139, 0.3331



9.4348, 0.3154, 0.3334



28.4424, 0.4195, 0.5051



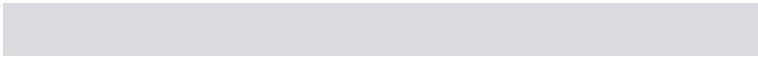
0.7916, 0.4194, 0.5052

Inverse Universe

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



40.3194, 0.3102, 0.3249



71.7477, 0.3098, 0.3241



40.4806, 0.3115, 0.3249



9.1048, 0.3100, 0.3245



2.2193, 0.1500, 0.0601



0.0621, 0.1501, 0.0604

Previews

White Background



This preview shows how the Yxy color 41.6737, 0.3152, 0.3331 looks on a white background.

Color Contrast Check

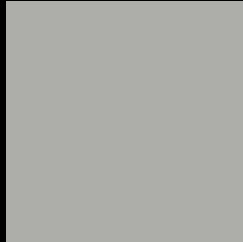
Large Text (above 18pt) WCAG AA × Fail

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 41.6737, 0.3152, 0.3331 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

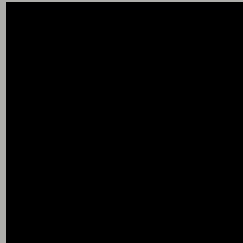
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

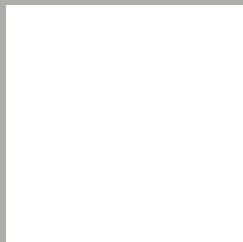
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.6737, 0.3152, 0.3331

Background



This preview shows how black text looks on a background with the Yxy color 41.6737, 0.3152, 0.3331.



This preview shows how white text looks on a background with the Yxy color 41.6737, 0.3152, 0.3331.

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

41.6737, 0.3152, 0.3331

Protanopia

41.7167, 0.3197, 0.3331

Deuteranopia

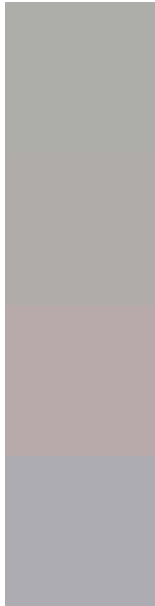
41.5249, 0.3307, 0.3238



Tritanopia

41.7005, 0.3056, 0.3116

Trichromacy



Original Color

41.6737, 0.3152, 0.3331

Protanomaly

41.5997, 0.3188, 0.3331

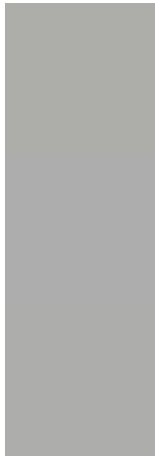
Deuteranomaly

41.5066, 0.3248, 0.3264

Tritanomaly

41.7584, 0.3087, 0.3195

Monochromacy



Original Color

41.6737, 0.3152, 0.3331

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.7499, 0.3135, 0.3304

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.6737, 0.3152, 0.3331 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, 173, 170)` looks like.

```
.text, #text, p{  
    color:rgb(173, 173, 170)  
}
```

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, 173, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 173, 170) }
```

Border

The CSS property to change the border of an element to Yxy 41.6737, 0.3152, 0.3331 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, 173, 170) }
```

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

```
.border{ border-color:rgb(173, 173, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 173, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 173, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 173, 170);  
box-shadow:4px 4px 4px 4px rgb(173, 173,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 41.6737, 0.3152, 0.3331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 173, 170) }
```

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

```
.background{ background-color: rgb(173,  
173, 170) }
```

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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