

Converting Colors

$Y_{xy}(41.6220, 0.3159, 0.3305)$

Have a look what the booklet for
Yxy(41.6220, 0.3159, 0.3305)
contains.

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Color

Yxy(41.5593, 0.3162, 0.3304)

Conversions

Conversions Part 1

Format	Color
Hex	AFACAB
RGB	175, 172, 171
RGB Percent	69%, 67%, 67%
CMY	0.3139, 0.3254, 0.3294
CMYK	0.00, 0.02, 0.02, 0.31
HSL	16°, 2%, 68%
HSV	16°, 2%, 69%
XYZ	39.7732, 41.5593, 44.4524
YIQ	172.7830, 2.1090, 0.3250

Conversions

Conversions Part 2

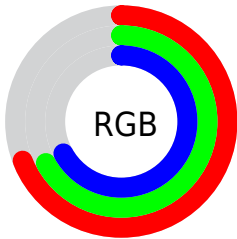
Format	Color
RYB	175, 172, 171
Decimal	11513003
CIELab	70.57, 0.86, 0.88
CIElCh	71, 1.230, 45.919
Yxy	41.5593, 0.3162, 0.3304
Android (android.graphics.Color)	4289703083 (0xFFAFACAB)
YUV	172.7830, -0.8790, 1.9443
Hunter-Lab	64.4665, -2.6893, 4.2436

Details

The Yxy color **41.5593, 0.3162, 0.3304** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.9937, 0.3093, 0.3276**, and the grayscale version is **41.6740, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.2522, 0.3154, 0.3301**, and **18.9758, 0.3176, 0.3309** is the 20% darker color. If you saturate the color by 10%, you get **36.2402, 0.3334, 0.3369**, and if you desaturate by 10%, it is **47.4518, 0.3018, 0.3244**.

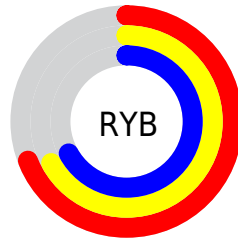
Distribution



Red (69%)

Green (67%)

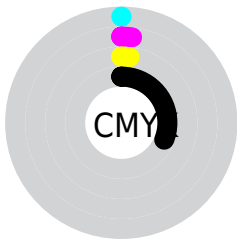
Blue (67%)



Red (69%)

Yellow (67%)

Blue (67%)

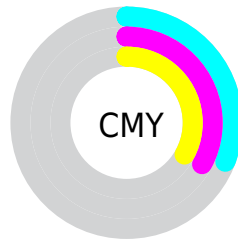


Cyan (0%)

Magenta (2%)

Yellow (2%)

Black (31%)



Cyan (31%)

Magenta (33%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.5593, 0.3162, 0.3304 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 41.5593, 0.3162, 0.3304 by changing the saturation by 10% instead.

■ 41.5593, 0.3162,
0.3304

■ 41.5593, 0.3162,
0.3304

352.6528, 0.3144,
0.3297

■ 28.7564, 0.3167,
0.3306

■ 77.5322, 0.3155,
0.3301

■ 18.8966, 0.3172,
0.3308

101.4710, 0.3153,
0.3300

■ 11.5956, 0.3180,
0.3311

129.8905, 0.3151,
0.3300

■ 6.4689, 0.3192,
0.3316

163.1751, 0.3149,
0.3299

■ 3.1323, 0.3210,
0.3323

201.7093, 0.3148,
0.3298

■ 1.2012, 0.3241,
0.3334

245.8773, 0.3146,

■ 0.0627, 0.5378,

0.3298

0.4189

296.0637, 0.3145,
0.3297

0.0000, 0.0000,
0.0000

41.5593, 0.3162,
0.3304

41.5593, 0.3162,
0.3304

36.2402, 0.3334,
0.3369

47.4518, 0.3018,
0.3244

31.4719, 0.3540,
0.3438

53.9287, 0.2897,
0.3189

27.2382, 0.3784,
0.3509

61.0075, 0.2795,
0.3138

23.5201, 0.4071,
0.3579

68.7034, 0.2708,
0.3093

20.2974, 0.4400,
0.3641

76.8053, 0.2652,
0.3088

■ 17.5487, 0.4766,
0.3689

■ 84.5794, 0.2669,
0.3232

■ 15.2508, 0.5151,
0.3710

■ 87.8478, 0.2676,
0.3289

■ 13.3783, 0.5524,
0.3695

■ 11.9032, 0.5846,
0.3638

Harmonies

Analogous

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



41.5593, 0.3155, 0.3288



41.5593, 0.3162, 0.3304



41.5593, 0.3159, 0.3316

Triad

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



41.5593, 0.3162, 0.3304



41.5593, 0.3113, 0.3307



41.5593, 0.3106, 0.3259

Complementary

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



41.5593, 0.3162, 0.3304



41.9937, 0.3093, 0.3276

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.



41.5593, 0.3095, 0.3264



41.5593, 0.3162, 0.3304



41.5593, 0.3099, 0.3292

Square

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



41.5593, 0.3162, 0.3304



41.5593, 0.3131, 0.3318



41.5593, 0.3093, 0.3276



41.5593, 0.3123, 0.3263

Rectangle

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



41.5593, 0.3162, 0.3304



41.5593, 0.3153, 0.3320



41.5593, 0.3093, 0.3276



41.5593, 0.3102, 0.3260

Sweetspot

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



41.5611, 0.3162, 0.3304



75.7371, 0.3143, 0.3296



41.2876, 0.3138, 0.3250



16.8458, 0.3142, 0.3296



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.



41.5611, 0.3162, 0.3304



73.6894, 0.3175, 0.3309



42.3045, 0.3160, 0.3330



9.0008, 0.3185, 0.3313



7.9752, 0.6031, 0.3593



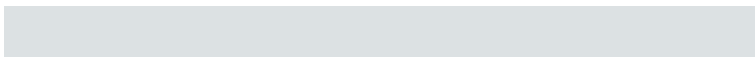
0.3106, 0.5445, 0.4058

Inverse Universe

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



41.9937, 0.3093, 0.3276



74.7326, 0.3081, 0.3271



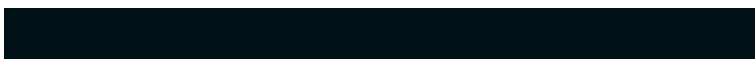
41.2505, 0.3094, 0.3249



9.1568, 0.3071, 0.3267



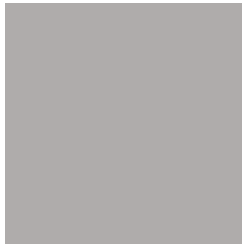
13.6928, 0.2012, 0.2442



0.4628, 0.2091, 0.2728

Previews

White Background



This preview shows how the Yxy color 41.5593, 0.3162, 0.3304 looks on a white background.

Color Contrast Check

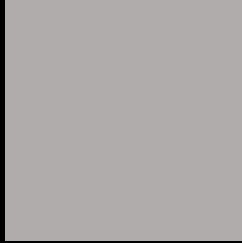
Large Text (above 18pt) WCAG AA × Fail

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 41.5593, 0.3162, 0.3304 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

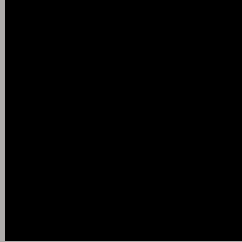
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

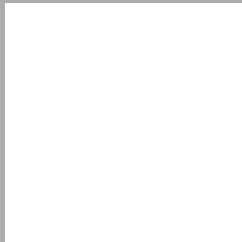
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.5593, 0.3162, 0.3304

Background



This preview shows how black text looks on a background with the Yxy color 41.5593, 0.3162, 0.3304.

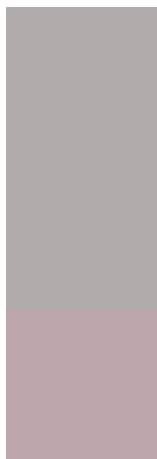


This preview shows how white text looks on a background with the Yxy color 41.5593, 0.3162, 0.3304.

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

41.5593, 0.3162, 0.3304

Protanopia

41.6754, 0.3172, 0.3304

Deuteranopia

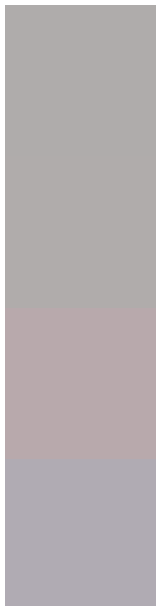
41.4348, 0.3288, 0.3225



Tritanopia

41.5573, 0.3073, 0.3103

Trichromacy



Original Color

41.5593, 0.3162, 0.3304

Protanomaly

41.6754, 0.3172, 0.3304

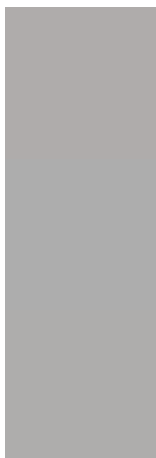
Deuteranomaly

41.5448, 0.3239, 0.3250

Tritanomaly

41.6106, 0.3105, 0.3182

Monochromacy



Original Color

41.5593, 0.3162, 0.3304

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.8644, 0.3144, 0.3304

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.5593, 0.3162, 0.3304 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(175, 172, 171)` looks like.

```
.text, #text, p{  
    color:rgb(175, 172, 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(175, 172, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 172, 171) }
```

Border

The CSS property to change the border of an element to Yxy 41.5593, 0.3162, 0.3304 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(175, 172, 171) }
```

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

```
.border{ border-color:rgb(175, 172, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 172, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 172, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 172, 171);  
box-shadow:4px 4px 4px 4px rgb(175, 172,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 41.5593, 0.3162, 0.3304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 172, 171) }
```

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

```
.background{ background-color: rgb(175,  
172, 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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