

Converting Colors

$Y_{xy}(41.0758, 0.3039, 0.3304)$

Have a look what the booklet for
Yxy(41.0758, 0.3039, 0.3304)
contains.

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Color

Yxy(41.0758, 0.3039, 0.3304)

Conversions

Conversions Part 1

Format	Color
Hex	A3AEAD
RGB	163, 174, 173
RGB Percent	64%, 68%, 68%
CMY	0.3608, 0.3176, 0.3216
CMYK	0.06, 0.00, 0.01, 0.32
HSL	174°, 6%, 66%
HSV	174°, 6%, 68%
XYZ	37.7813, 41.0758, 45.4643
YIQ	170.5970, -6.2350, -2.6430

Conversions

Conversions Part 2

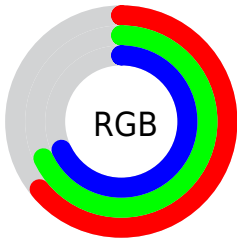
Format	Color
RYB	163, 169, 174
Decimal	10727085
CIELab	70.23, -4.04, -0.82
CIElCh	70, 4.124, 191.402
Yxy	41.0758, 0.3039, 0.3304
Android (android.graphics.Color)	4288917165 (0xFFA3AEAD)
YUV	170.5970, 1.1847, -6.6626
Hunter-Lab	64.0904, -6.9325, 2.8042

Details

The Yxy color **41.0758, 0.3039, 0.3304** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.8738, 0.3223, 0.3276**, and the grayscale version is **40.5086, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.5455, 0.3059, 0.3301**, and **18.6791, 0.3006, 0.3309** is the 20% darker color. If you saturate the color by 10%, you get **39.3033, 0.2905, 0.3328**, and if you desaturate by 10%, it is **43.1053, 0.3179, 0.3282**.

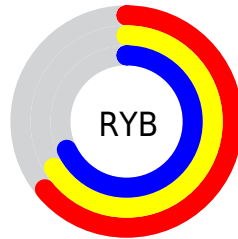
Distribution



Red (64%)

Green (68%)

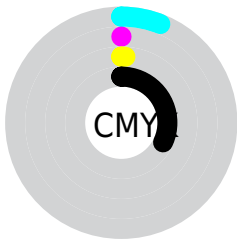
Blue (68%)



Red (64%)

Yellow (66%)

Blue (68%)

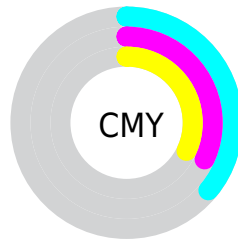


Cyan (6%)

Magenta (0%)

Yellow (1%)

Black (32%)



Cyan (36%)

Magenta (32%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.0758, 0.3039, 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 41.0758, 0.3039, 0.3304 by changing the saturation by 10% instead.

■ 41.0758, 0.3039,
0.3304

■ 41.0758, 0.3039,
0.3304

350.6373, 0.3084,
0.3297

■ 28.3783, 0.3027,
0.3306

■ 76.7989, 0.3056,
0.3301

■ 18.6110, 0.3012,
0.3308

■ 100.5934, 0.3062,
0.3301

■ 11.3896, 0.2992,
0.3311

128.8556, 0.3067,
0.3300

■ 6.3295, 0.2963,
0.3315

161.9700, 0.3071,
0.3299

■ 3.0465, 0.2918,
0.3322

200.3210, 0.3075,
0.3298

■ 1.1560, 0.2840,
0.3332


244.2930, 0.3078,


■ 0.0254, 0.0000,

0.3298


0.2306


294.2703, 0.3081,
0.3297

 0.0000, 0.0000,
0.0000

 41.0758, 0.3039,
0.3304

 41.0758, 0.3039,
0.3304


 39.3033, 0.2905,
0.3328


 43.1053, 0.3179,
0.3282

 37.7722, 0.2779,
0.3354

 45.3962, 0.3323,
0.3263

 36.4735, 0.2665,
0.3381

 47.9594, 0.3467,
0.3245

 35.3952, 0.2565,
0.3411

 50.8037, 0.3611,
0.3230

 34.5245, 0.2482,
0.3441

 53.9373, 0.3752,
0.3217

■ 33.8473, 0.2416,
0.3472

■ 54.9399, 0.3781,
0.3201

■ 33.3476, 0.2369,
0.3503

■ 55.0074, 0.3766,
0.3184

■ 33.0070, 0.2341,
0.3535

■ 55.0756, 0.3751,
0.3167

■ 32.8004, 0.2330,
0.3566

■ 55.1446, 0.3736,
0.3150

Harmonies

Analogous

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



41.0758, 0.3089, 0.3355



41.0758, 0.3039, 0.3304



41.0758, 0.3013, 0.3250

Triad

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



41.0758, 0.3039, 0.3304



41.0758, 0.3104, 0.3195



41.0758, 0.3239, 0.3372

Complementary

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



41.0758, 0.3039, 0.3304



37.8738, 0.3223, 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.



41.0758, 0.3243, 0.3328



41.0758, 0.3039, 0.3304



41.0758, 0.3165, 0.3227

Square

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



41.0758, 0.3039, 0.3304



41.0758, 0.3050, 0.3188



41.0758, 0.3216, 0.3276



41.0758, 0.3204, 0.3394

Rectangle

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



41.0758, 0.3039, 0.3304



41.0758, 0.3012, 0.3220



41.0758, 0.3216, 0.3276



41.0758, 0.3244, 0.3359

Sweetspot

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



41.0775, 0.3039, 0.3304



76.0255, 0.3099, 0.3294



40.8219, 0.3130, 0.3446



16.9064, 0.3100, 0.3294



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.



41.0775, 0.3039, 0.3304



73.8869, 0.3014, 0.3308



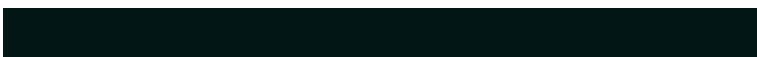
39.4433, 0.3032, 0.3228



9.0591, 0.2998, 0.3311



23.7482, 0.2326, 0.3574



0.6643, 0.2300, 0.3479

Inverse Universe

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



37.8738, 0.3223, 0.3276



66.4997, 0.3253, 0.3272



39.4283, 0.3227, 0.3351



8.0270, 0.3272, 0.3269



6.5584, 0.6274, 0.3230



0.1862, 0.5794, 0.2965

Previews

White Background



This preview shows how the Yxy color 41.0758, 0.3039, 0.3304 looks on a white background.

Color Contrast Check

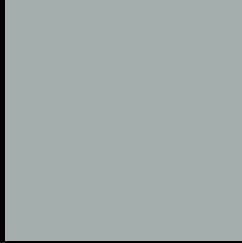
Large Text (above 18pt) WCAG AA × Fail

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 41.0758, 0.3039, 0.3304 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

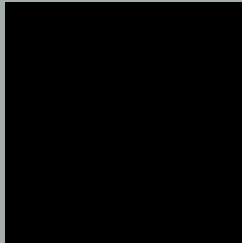
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

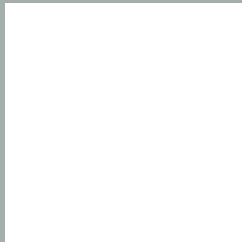
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.0758, 0.3039, 0.3304

Background



This preview shows how black text looks on a background with the Yxy color 41.0758, 0.3039, 0.3304.

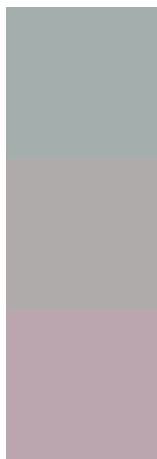


This preview shows how white text looks on a background with the Yxy color 41.0758, 0.3039, 0.3304.

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

41.0758, 0.3039, 0.3304

Protanopia

41.1801, 0.3163, 0.3290

Deuteranopia

40.9324, 0.3244, 0.3172



Tritanopia

41.0496, 0.2953, 0.3098

Trichromacy



Original Color

41.0758, 0.3039, 0.3304

Protanomaly

41.1415, 0.3118, 0.3290

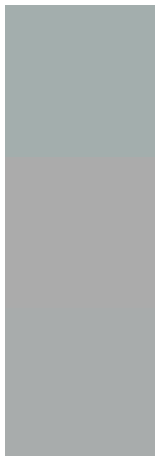
Deuteranomaly

40.8969, 0.3167, 0.3223

Tritanomaly

41.1158, 0.2984, 0.3179

Monochromacy



Original Color

41.0758, 0.3039, 0.3304

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

40.8084, 0.3092, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.0758, 0.3039, 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(163, 174, 173)` looks like.

```
.text, #text, p{  
    color:rgb(163, 174, 173)  
}
```

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, 174, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 174, 173) }
```

Border

The CSS property to change the border of an element to Yxy 41.0758, 0.3039, 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(163, 174, 173) }
```

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

```
.border{ border-color:rgb(163, 174, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 174, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 174, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 174, 173);  
box-shadow:4px 4px 4px 4px rgb(163, 174,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 41.0758, 0.3039, 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(163, 174, 173) }
```

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

```
.background{ background-color: rgb(163,  
174, 173) }
```

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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