

Converting Colors

$Yxy(40.5553, 0.3007, 0.3044)$

Have a look what the booklet for
Yxy(40.5553, 0.3007, 0.3044)
contains.

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Color

Yxy(40.7344, 0.3005, 0.3048)

Conversions

Conversions Part 1

Format	Color
Hex	ACA9BB
RGB	172, 169, 187
RGB Percent	67%, 66%, 73%
CMY	0.3257, 0.3372, 0.2667
CMYK	0.08, 0.10, 0.00, 0.27
HSL	250°, 12%, 70%
HSV	250°, 10%, 73%
XYZ	40.1597, 40.7344, 52.7489
YIQ	171.9490, -3.9900, 6.2340

Conversions

Conversions Part 2

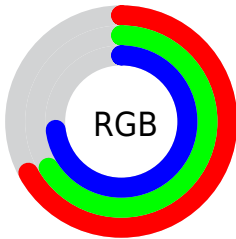
Format	Color
RYB	172, 169, 187
Decimal	11315643
CIELab	69.99, 4.55, -8.82
CIELCh	70, 9.924, 297.280
Yxy	40.7344, 0.3005, 0.3048
Android (android.graphics.Color)	4289505723 (0xFFACA9BB)
YUV	171.9490, 7.4201, 0.0447
Hunter-Lab	63.8235, 0.6266, -4.3256

Details

The Yxy color $40.7344, 0.3005, 0.3048$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $48.5966, 0.3243, 0.3525$, and the grayscale version is $41.1878, 0.3127, 0.3290$.

A 20% lighter version of the original color is $76.1133, 0.3027, 0.3092$, and $18.4369, 0.2970, 0.2974$ is the 20% darker color. If you saturate the color by 10%, you get $32.6002, 0.2860, 0.2767$, and if you desaturate by 10%, it is $50.0757, 0.3132, 0.3299$.

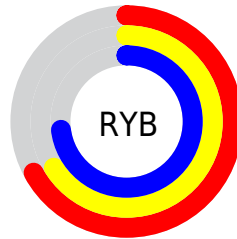
Distribution



Red (67%)

Green (66%)

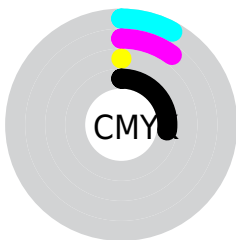
Blue (73%)



Red (67%)

Yellow (66%)

Blue (73%)

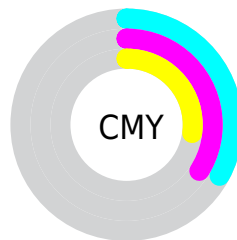


Cyan (8%)

Magenta (10%)

Yellow (0%)

Black (27%)



Cyan (33%)


Magenta (34%)

Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.7344, 0.3005, 0.3048 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 40.7344, 0.3005, 0.3048 by changing the saturation by 10% instead.


 40.7344, 0.3005,
0.3048

 40.7344, 0.3005,
0.3048


349.2093, 0.3068,
0.3170

 28.1116, 0.2989,
0.3017


 76.2805, 0.3028,
0.3093

 18.4098, 0.2968,
0.2977


 99.9727, 0.3037,
0.3109

 11.2446, 0.2939,
0.2923


128.1234, 0.3044,
0.3124

 6.2316, 0.2897,
0.2848

161.1171, 0.3050,
0.3136

 2.9864, 0.2833,
0.2733

199.3381, 0.3056,
0.3146

 1.1246, 0.2720,
0.2540

243.1709, 0.3060,

 0.0000, 0.1516,

0.3155

0.0000

292.9998, 0.3064,
0.3163

0.0000, 0.0000,
0.0000

40.7344, 0.3005,
0.3048

40.7344, 0.3005,
0.3048

32.6002, 0.2860,
0.2767

50.0757, 0.3132,
0.3299

25.6188, 0.2696,
0.2459

60.6654, 0.3241,
0.3521

19.7391, 0.2517,
0.2131

72.5490, 0.3335,
0.3716

14.9045, 0.2327,
0.1794

85.7684, 0.3415,
0.3886

11.0531, 0.2134,
0.1465

95.4746, 0.3500,
0.3966

■ 8.1164, 0.1951,
0.1167

■ 96.3671, 0.3532,
0.3959

■ 6.0170, 0.1789,
0.0922

■ 4.6645, 0.1661,
0.0748

■ 3.8947, 0.1572,
0.0642

Harmonies

Analogous

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



40.7344, 0.2896, 0.3059



40.7344, 0.3005, 0.3048



40.7344, 0.3148, 0.3098

Triad

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



40.7344, 0.3005, 0.3048



40.7344, 0.3413, 0.3440



40.7344, 0.2966, 0.3384

Complementary

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



40.7344, 0.3005, 0.3048



48.5966, 0.3243, 0.3525

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.



40.7344, 0.3101, 0.3493



40.7344, 0.3005, 0.3048



40.7344, 0.3361, 0.3523

Square

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



40.7344, 0.3005, 0.3048



40.7344, 0.3387, 0.3320



40.7344, 0.3246, 0.3544



40.7344, 0.2874, 0.3251

Rectangle

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



40.7344, 0.3005, 0.3048



40.7344, 0.3245, 0.3160



40.7344, 0.3246, 0.3544



40.7344, 0.3007, 0.3425

Sweetspot

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



40.7361, 0.3005, 0.3048



83.6934, 0.3090, 0.3216



46.4256, 0.2981, 0.3254



18.1280, 0.3080, 0.3196



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



40.7361, 0.3005, 0.3048



68.9959, 0.2969, 0.2978



41.7590, 0.3082, 0.3054



9.2979, 0.3008, 0.3055



2.6878, 0.1577, 0.0642



0.1289, 0.1779, 0.0754

Inverse Universe

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



42.4106, 0.3163, 0.3095



72.7457, 0.3173, 0.3041



47.5483, 0.3168, 0.3530



9.6689, 0.3162, 0.3100



8.9561, 0.3662, 0.1791



0.3581, 0.3537, 0.1722

Previews

White Background



This preview shows how the Yxy color 40.7344, 0.3005, 0.3048 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 40.7344, 0.3005, 0.3048 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

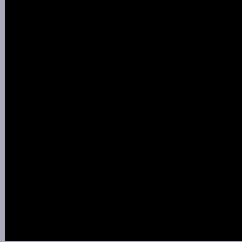
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.7344, 0.3005, 0.3048

Background



This preview shows how black text looks on a background with the Yxy color 40.7344, 0.3005, 0.3048.



This preview shows how white text looks on a background with the Yxy color 40.7344, 0.3005, 0.3048.

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

40.7344, 0.3005, 0.3048

Protanopia

40.7723, 0.2979, 0.3059

Deuteranopia

40.6066, 0.3068, 0.3000



Tritanopia

40.8263, 0.3029, 0.3113

Trichromacy



Original Color

40.7344, 0.3005, 0.3048

Protanomaly

40.8834, 0.2988, 0.3060

Deuteranomaly

40.6154, 0.3041, 0.3011

Tritanomaly

40.8681, 0.3021, 0.3100

Monochromacy



Original Color

40.7344, 0.3005, 0.3048

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

41.0708, 0.3086, 0.3208

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.7344, 0.3005, 0.3048 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(172, 169, 187)` looks like.

```
.text, #text, p{  
    color:rgb(172, 169, 187)  
}
```

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(172, 169, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 169, 187) }
```

Border

The CSS property to change the border of an element to Yxy 40.7344, 0.3005, 0.3048 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(172, 169, 187) }
```

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

```
.border{ border-color:rgb(172, 169, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 169, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(172, 169, 187); -webkit-box-shadow:4px 4px 4px 4px rgb(172, 169, 187); box-shadow:4px 4px 4px 4px rgb(172, 169, 187) }
```


Background

The CSS property to change the background color of an element to Yxy 40.7344, 0.3005, 0.3048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 169, 187) }
```

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

```
.background{ background-color: rgb(172,  
169, 187) }
```

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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