

Converting Colors

$Yxy(41.8145, 0.3084, 0.3255)$

Have a look what the booklet for
Yxy(41.8145, 0.3084, 0.3255)
contains.

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Color

Yxy(41.6797, 0.3085, 0.3249)

Conversions

Conversions Part 1

Format	Color
Hex	ABADB0
RGB	171, 173, 176
RGB Percent	67%, 68%, 69%
CMY	0.3294, 0.3216, 0.3098
CMYK	0.03, 0.02, 0.00, 0.31
HSL	216°, 3%, 68%
HSV	216°, 3%, 69%
XYZ	39.5758, 41.6797, 47.0292
YIQ	172.7440, -2.1550, 0.5090

Conversions

Conversions Part 2

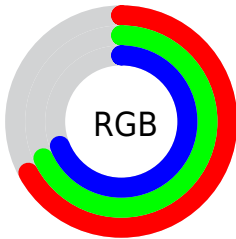
Format	Color
RYB	171, 172, 176
Decimal	11251120
CIELab	70.65, -0.12, -1.79
CIElCh	71, 1.790, 266.025
Yxy	41.6797, 0.3085, 0.3249
Android (android.graphics.Color)	4289441200 (0xFFABADB0)
YUV	172.7440, 1.6052, -1.5295
Hunter-Lab	64.5598, -3.5573, 2.0015

Details

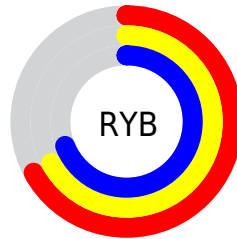
The Yxy color $41.6797, 0.3085, 0.3249$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $42.4436, 0.3170, 0.3331$, and the grayscale version is $41.6460, 0.3127, 0.3290$.

A 20% lighter version of the original color is $77.4818, 0.3088, 0.3248$, and $19.0519, 0.3069, 0.3233$ is the 20% darker color. If you saturate the color by 10%, you get $35.9399, 0.2930, 0.3093$, and if you desaturate by 10%, it is $48.0069, 0.3230, 0.3388$.

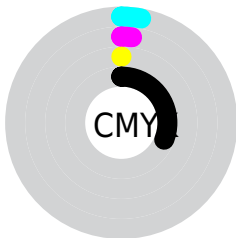
Distribution



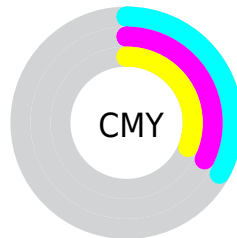
- Red (67%)
- Green (68%)
- Blue (69%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.6797, 0.3085, 0.3249 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 41.6797, 0.3085, 0.3249 by changing the saturation by 10% instead.

■ 41.6797, 0.3085,
0.3249

■ 41.6797, 0.3085,
0.3249

353.1534, 0.3107,
0.3270

■ 28.8506, 0.3079,
0.3244

■ 77.7146, 0.3093,
0.3257

■ 18.9678, 0.3072,
0.3237

101.6892, 0.3096,
0.3260

■ 11.6470, 0.3063,
0.3227

130.1478, 0.3098,
0.3262

■ 6.5038, 0.3049,
0.3214

163.4746, 0.3100,
0.3264

■ 3.1538, 0.3028,
0.3193

202.0543, 0.3102,
0.3266

■ 1.2125, 0.2990,
0.3156

246.2710, 0.3104,

■ 0.0719, 0.1919,

0.3267

0.2113

296.5093, 0.3105,
0.3269

0.0000, 0.0000,
0.0000

41.6797, 0.3085,
0.3249

41.6797, 0.3085,
0.3249

35.9399, 0.2930,
0.3093

48.0069, 0.3230,
0.3388

30.7646, 0.2767,
0.2919

54.9331, 0.3366,
0.3510

26.1368, 0.2598,
0.2727

62.4763, 0.3490,
0.3617

22.0368, 0.2428,
0.2519

70.6519, 0.3605,
0.3711

18.4435, 0.2260,
0.2298

78.7066, 0.3679,
0.3799

■ 15.3342, 0.2101,
0.2069

■ 84.6286, 0.3649,
0.3899

■ 12.6841, 0.1958,
0.1838

■ 90.9110, 0.3619,
0.3996

■ 10.4658, 0.1836,
0.1614

■ 95.9143, 0.3597,
0.4067

■ 8.6475, 0.1741,
0.1405

Harmonies

Analogous

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



41.6797, 0.3077, 0.3263



41.6797, 0.3085, 0.3249



41.6797, 0.3105, 0.3246

Triad

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



41.6797, 0.3085, 0.3249



41.6797, 0.3173, 0.3295



41.6797, 0.3124, 0.3326

Complementary

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



41.6797, 0.3085, 0.3249



42.4436, 0.3170, 0.3331

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.



41.6797, 0.3150, 0.3335



41.6797, 0.3085, 0.3249



41.6797, 0.3178, 0.3317

Square

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



41.6797, 0.3085, 0.3249



41.6797, 0.3155, 0.3273



41.6797, 0.3170, 0.3331



41.6797, 0.3099, 0.3308

Rectangle

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



41.6797, 0.3085, 0.3249



41.6797, 0.3121, 0.3250



41.6797, 0.3170, 0.3331



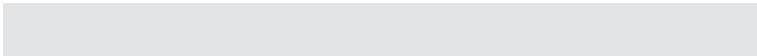
41.6797, 0.3133, 0.3331

Sweetspot

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



41.6815, 0.3085, 0.3249



77.6031, 0.3112, 0.3275



42.7633, 0.3100, 0.3317



16.8312, 0.3113, 0.3276



89.0005, 0.3127, 0.3290



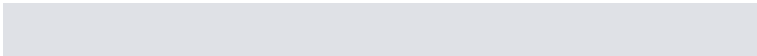
17.0645, 0.3127, 0.3290

Same Dimension

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



41.6815, 0.3085, 0.3249



75.3599, 0.3082, 0.3246



40.9803, 0.3090, 0.3222



9.5223, 0.3071, 0.3236



5.6490, 0.1691, 0.1287



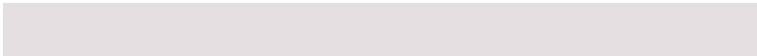
0.2935, 0.1851, 0.1864

Inverse Universe

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



41.3771, 0.3155, 0.3263



74.7664, 0.3158, 0.3261



43.1600, 0.3164, 0.3358



9.4307, 0.3165, 0.3254



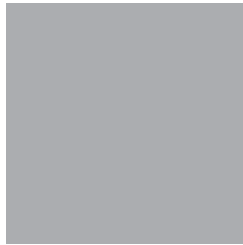
7.1104, 0.5345, 0.2718



0.2354, 0.4610, 0.2313

Previews

White Background



This preview shows how the Yxy color 41.6797, 0.3085, 0.3249 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 41.6797, 0.3085, 0.3249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

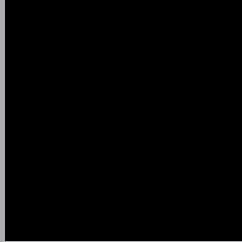
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

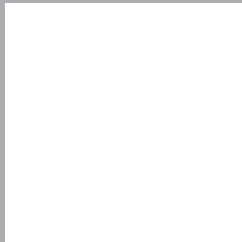
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.6797, 0.3085, 0.3249

Background



This preview shows how black text looks on a background with the Yxy color 41.6797, 0.3085, 0.3249.



This preview shows how white text looks on a background with the Yxy color 41.6797, 0.3085, 0.3249.

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

41.6797, 0.3085, 0.3249

Protanopia

41.7142, 0.3129, 0.3249

Deuteranopia

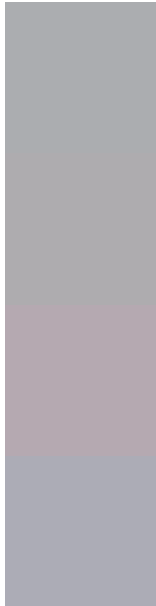
41.3766, 0.3226, 0.3159



Tritanopia

41.7785, 0.3021, 0.3115

Trichromacy



Original Color

41.6797, 0.3085, 0.3249

Protanomaly

41.5989, 0.3120, 0.3249

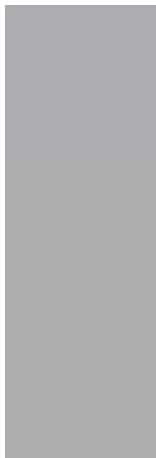
Deuteranomaly

41.3740, 0.3169, 0.3183

Tritanomaly

41.6531, 0.3045, 0.3155

Monochromacy



Original Color

41.6797, 0.3085, 0.3249

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.7138, 0.3110, 0.3276

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.6797, 0.3085, 0.3249 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(171, 173, 176)` looks like.

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

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

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

Border

The CSS property to change the border of an element to Yxy 41.6797, 0.3085, 0.3249 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(171, 173, 176) }
```

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

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

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

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

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


Background

The CSS property to change the background color of an element to Yxy 41.6797, 0.3085, 0.3249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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