

Converting Colors

$Y_{xy}(41.1439, 0.3032, 0.3026)$

Have a look what the booklet for
Yxy(41.1439, 0.3032, 0.3026)
contains.

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Color

Yxy(41.2369, 0.3032, 0.3037)

Conversions

Conversions Part 1

Format	Color
Hex	B0A9BC
RGB	176, 169, 188
RGB Percent	69%, 66%, 74%
CMY	0.3098, 0.3372, 0.2627
CMYK	0.06, 0.10, 0.00, 0.26
HSL	262°, 12%, 70%
HSV	262°, 10%, 74%
XYZ	41.1690, 41.2369, 53.3758
YIQ	173.2590, -1.9270, 7.3930

Conversions

Conversions Part 2

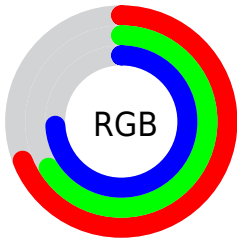
Format	Color
R _Y B	176, 169, 188
Decimal	11577788
CIE Lab	70.34, 6.15, -8.83
CIE LCh	70, 10.761, 304.838
Yxy	41.2369, 0.3032, 0.3037
Android (android.graphics.Color)	4289767868 (0xFFB0A9BC)
YUV	173.2590, 7.2673, 2.4039
Hunter-Lab	64.2160, 2.0588, -4.3302

Details

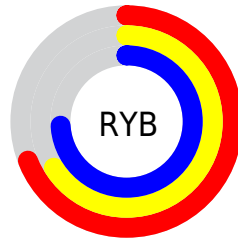
The Yxy color $41.2369, 0.3032, 0.3037$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $48.6664, 0.3216, 0.3540$, and the grayscale version is $41.8917, 0.3127, 0.3290$.

A 20% lighter version of the original color is $76.9988, 0.3054, 0.3084$, and $18.6828, 0.2995, 0.2960$ is the 20% darker color. If you saturate the color by 10%, you get $33.4121, 0.2923, 0.2763$, and if you desaturate by 10%, it is $50.1926, 0.3126, 0.3287$.

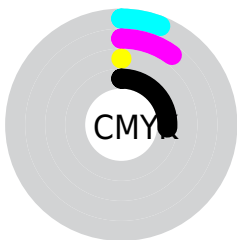
Distribution



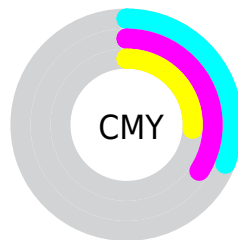
- Red (69%)
- Green (66%)
- Blue (74%)



- Red (69%)
- Yellow (66%)
- Blue (74%)



- Cyan (6%)
- Magenta (10%)
- Yellow (0%)
- Black (26%)




- Cyan (31%)
- Magenta (34%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.2369, 0.3032, 0.3037 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 41.2369, 0.3032, 0.3037 by changing the saturation by 10% instead.


 41.2369, 0.3032,
0.3037


 41.2369, 0.3032,
0.3037

351.3098, 0.3081,
0.3164

 28.5042, 0.3019,
0.3005


 77.0434, 0.3050,
0.3083

 18.7061, 0.3003,
0.2964


 100.8860, 0.3057,
0.3101

 11.4581, 0.2980,
0.2909


129.2007, 0.3063,
0.3116

 6.3759, 0.2947,
0.2831

162.3719, 0.3067,
0.3128

 3.0749, 0.2896,
0.2714

200.7841, 0.3072,
0.3139

 1.1710, 0.2805,
0.2520

244.8215, 0.3075,

 0.0378, 0.2108,

0.3148

0.0428

294.8686, 0.3078,
0.3157

■ 0.0000, 0.0000,
0.0000

■ 41.2369, 0.3032,
0.3037

■ 41.2369, 0.3032,
0.3037

■ 33.4121, 0.2923,
0.2763

■ 50.1926, 0.3126,
0.3287

■ 26.6672, 0.2798,
0.2468

■ 60.3172, 0.3207,
0.3513

■ 20.9549, 0.2660,
0.2160

■ 71.6533, 0.3275,
0.3714

■ 16.2224, 0.2509,
0.1848

■ 84.2397, 0.3332,
0.3893

■ 12.4118, 0.2350,
0.1546

■ 92.8929, 0.3394,
0.3979

■ 9.4592, 0.2192,
0.1273

■ 94.9911, 0.3474,
0.3961

■ 7.2922, 0.2041,
0.1045

■ 96.4116, 0.3526,
0.3949

■ 5.8255, 0.1906,
0.0875

■ 4.8993, 0.1793,
0.0761

Harmonies

Analogous

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



41.2369, 0.2902, 0.3031



41.2369, 0.3032, 0.3037



41.2369, 0.3190, 0.3106

Triad

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



41.2369, 0.3032, 0.3037



41.2369, 0.3430, 0.3479



41.2369, 0.2922, 0.3356

Complementary

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



41.2369, 0.3032, 0.3037



48.6664, 0.3216, 0.3540

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.



41.2369, 0.3059, 0.3485



41.2369, 0.3032, 0.3037



41.2369, 0.3353, 0.3554

Square

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



41.2369, 0.3032, 0.3037



41.2369, 0.3423, 0.3357



41.2369, 0.3217, 0.3558



41.2369, 0.2840, 0.3212

Rectangle

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



41.2369, 0.3032, 0.3037



41.2369, 0.3291, 0.3179



41.2369, 0.3217, 0.3558



41.2369, 0.2963, 0.3403

Sweetspot

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



41.2387, 0.3032, 0.3037



85.9653, 0.3100, 0.3216



45.1339, 0.2973, 0.3197



18.1988, 0.3093, 0.3197



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.



41.2387, 0.3032, 0.3037



71.6010, 0.3011, 0.2982



42.3841, 0.3116, 0.3044



9.3914, 0.3040, 0.3057



3.3740, 0.1805, 0.0768



0.1696, 0.2090, 0.0925

Inverse Universe

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



42.4093, 0.3198, 0.3134



74.1346, 0.3214, 0.3101



47.5574, 0.3136, 0.3546



9.6352, 0.3192, 0.3146



8.1998, 0.4391, 0.2192



0.3334, 0.4039, 0.1998

Previews

White Background



This preview shows how the Yxy color 41.2369, 0.3032, 0.3037 looks on a white background.

Color Contrast Check

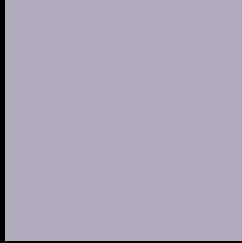
Large Text (above 18pt) WCAG AA × Fail

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 41.2369, 0.3032, 0.3037 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

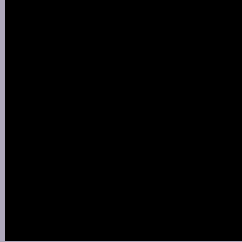
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

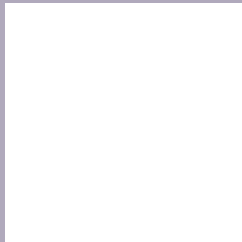
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.2369, 0.3032, 0.3037

Background



This preview shows how black text looks on a background with the Yxy color 41.2369, 0.3032, 0.3037.



This preview shows how white text looks on a background with the Yxy color 41.2369, 0.3032, 0.3037.

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

41.2369, 0.3032, 0.3037

Protanopia

41.3460, 0.2972, 0.3048

Deuteranopia

41.0920, 0.3077, 0.3014



Tritanopia

41.2823, 0.3064, 0.3115

Trichromacy



Original Color

41.2369, 0.3032, 0.3037

Protanomaly

41.1942, 0.2989, 0.3035

Deuteranomaly

41.2198, 0.3059, 0.3026

Tritanomaly

41.3662, 0.3048, 0.3089

Monochromacy



Original Color

41.2369, 0.3032, 0.3037

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.7181, 0.3095, 0.3209

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.2369, 0.3032, 0.3037 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(176, 169, 188)` looks like.

```
.text, #text, p{  
    color:rgb(176, 169, 188)  
}
```

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(176, 169, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 169, 188) }
```

Border

The CSS property to change the border of an element to Yxy 41.2369, 0.3032, 0.3037 is called "border". The border property can be set on classes, ids or directly on the HTML element.

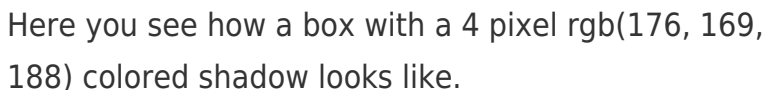
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(176, 169, 188) }
```

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

```
.border{ border-color:rgb(176, 169, 188) }
```

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



Here you see how a box with a 4 pixel `rgb(176, 169, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 169, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 169, 188); box-shadow:4px 4px 4px 4px rgb(176, 169, 188) }
```


Background

The CSS property to change the background color of an element to Yxy 41.2369, 0.3032, 0.3037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 169, 188) }
```

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

```
.background{ background-color: rgb(176,  
169, 188) }
```

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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