

Converting Colors

$Y_{xy}(41.1281, 0.3039, 0.3015)$

Have a look what the booklet for
Yxy(41.1281, 0.3039, 0.3015)
contains.

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Color

Yxy(41.1444, 0.3042, 0.3012)

Conversions

Conversions Part 1

Format	Color
Hex	B2A8BD
RGB	178, 168, 189
RGB Percent	70%, 66%, 74%
CMY	0.3018, 0.3412, 0.2588
CMYK	0.06, 0.11, 0.00, 0.26
HSL	269°, 14%, 70%
HSV	269°, 11%, 74%
XYZ	41.5542, 41.1444, 53.9030
YIQ	173.3840, -0.7810, 8.6510

Conversions

Conversions Part 2

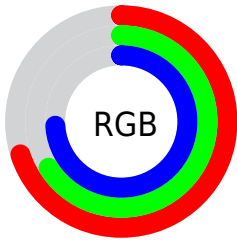
Format	Color
RYB	178, 168, 189
Decimal	11708605
CIELab	70.28, 7.60, -9.46
CIElCh	70, 12.137, 308.782
Yxy	41.1444, 0.3042, 0.3012
Android (android.graphics.Color)	4289898685 (0xFFB2A8BD)
YUV	173.3840, 7.6987, 4.0482
Hunter-Lab	64.1439, 3.3854, -4.9233

Details

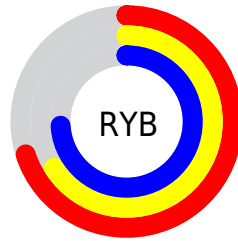
The Yxy color $41.1444, 0.3042, 0.3012$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $48.8090, 0.3205, 0.3568$, and the grayscale version is $41.9586, 0.3127, 0.3290$.

A 20% lighter version of the original color is $76.8603, 0.3062, 0.3064$, and $18.6283, 0.3008, 0.2926$ is the 20% darker color. If you saturate the color by 10%, you get $33.5406, 0.2952, 0.2740$, and if you desaturate by 10%, it is $49.8502, 0.3119, 0.3263$.

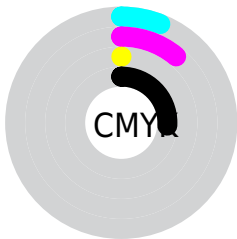
Distribution



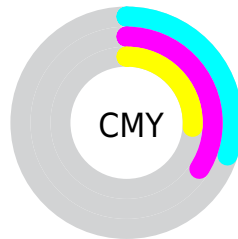
- Red (70%)
- Green (66%)
- Blue (74%)



- Red (70%)
- Yellow (66%)
- Blue (74%)



- Cyan (6%)
- Magenta (11%)
- Yellow (0%)
- Black (26%)



- Cyan (30%)
- Magenta (34%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.1444, 0.3042, 0.3012 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 41.1444, 0.3042, 0.3012 by changing the saturation by 10% instead.


 41.1444, 0.3042,
0.3012


 41.1444, 0.3042,
0.3012


350.9238, 0.3086,
0.3152

 28.4319, 0.3030,
0.2977


 76.9030, 0.3058,
0.3063

 18.6515, 0.3015,
0.2932


 100.7180, 0.3065,
0.3082

 11.4187, 0.2994,
0.2872


129.0026, 0.3070,
0.3098

 6.3492, 0.2964,
0.2788


162.1412, 0.3074,
0.3112

 3.0586, 0.2917,
0.2661

200.5183, 0.3078,
0.3124

 1.1624, 0.2832,
0.2452

244.5181, 0.3081,

 0.0307, 0.2284,

0.3134

0.0326

294.5251, 0.3084,
0.3143

0.0000, 0.0000,
0.0000

41.1444, 0.3042,
0.3012

41.1444, 0.3042,
0.3012

33.5406, 0.2952,
0.2740

49.8502, 0.3119,
0.3263

26.9882, 0.2849,
0.2452

59.6954, 0.3185,
0.3492

21.4404, 0.2733,
0.2155

70.7221, 0.3240,
0.3699

16.8448, 0.2606,
0.1859

82.9686, 0.3286,
0.3884

13.1439, 0.2472,
0.1577

91.5923, 0.3335,
0.3980

■ 10.2740, 0.2335,
0.1325

■ 93.2484, 0.3401,
0.3965

■ 8.1623, 0.2202,
0.1116

■ 94.9982, 0.3467,
0.3951

■ 6.7230, 0.2078,
0.0961

■ 96.4547, 0.3520,
0.3939

■ 5.8613, 0.1979,
0.0864

Harmonies

Analogous

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



41.1444, 0.2890, 0.2995



41.1444, 0.3042, 0.3012



41.1444, 0.3221, 0.3098

Triad

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



41.1444, 0.3042, 0.3012



41.1444, 0.3463, 0.3517



41.1444, 0.2880, 0.3343

Complementary

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



41.1444, 0.3042, 0.3012



48.8090, 0.3205, 0.3568

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.



41.1444, 0.3028, 0.3495



41.1444, 0.3042, 0.3012



41.1444, 0.3365, 0.3594

Square

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



41.1444, 0.3042, 0.3012



41.1444, 0.3468, 0.3384



41.1444, 0.3205, 0.3588



41.1444, 0.2798, 0.3180

Rectangle

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



41.1444, 0.3042, 0.3012



41.1444, 0.3332, 0.3184



41.1444, 0.3205, 0.3588



41.1444, 0.2923, 0.3397

Sweetspot

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



41.1462, 0.3042, 0.3012



86.1074, 0.3105, 0.3217



44.3210, 0.2957, 0.3158



18.2372, 0.3099, 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.



41.1462, 0.3042, 0.3012



70.6790, 0.3024, 0.2957



42.4087, 0.3134, 0.3020



9.4428, 0.3057, 0.3058



3.9880, 0.1992, 0.0871



0.1952, 0.2264, 0.1021

Inverse Universe

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



42.0771, 0.3226, 0.3147



72.6439, 0.3247, 0.3120



47.6293, 0.3120, 0.3575



9.6174, 0.3209, 0.3171



7.8977, 0.4840, 0.2440



0.3225, 0.4348, 0.2169

Previews

White Background



This preview shows how the Yxy color 41.1444, 0.3042, 0.3012 looks on a white background.

Color Contrast Check

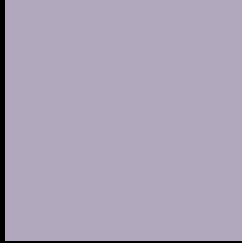
Large Text (above 18pt) WCAG AA × Fail

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 41.1444, 0.3042, 0.3012 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

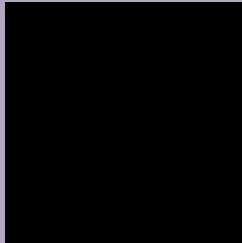
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.1444, 0.3042, 0.3012

Background



This preview shows how black text looks on a background with the Yxy color 41.1444, 0.3042, 0.3012.



This preview shows how white text looks on a background with the Yxy color 41.1444, 0.3042, 0.3012.

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

41.1444, 0.3042, 0.3012

Protanopia

41.3224, 0.2948, 0.3021

Deuteranopia

41.1353, 0.3069, 0.3001



Tritanopia

41.1004, 0.3090, 0.3116

Trichromacy



Original Color

41.1444, 0.3042, 0.3012

Protanomaly

41.2378, 0.2981, 0.3022

Deuteranomaly

41.0149, 0.3060, 0.3000

Tritanomaly

41.2258, 0.3066, 0.3077

Monochromacy



Original Color

41.1444, 0.3042, 0.3012

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.4945, 0.3096, 0.3182

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.1444, 0.3042, 0.3012 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(178, 168, 189)` looks like.

```
.text, #text, p{  
    color:rgb(178, 168, 189)  
}
```

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(178, 168, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 168, 189) }
```

Border

The CSS property to change the border of an element to Yxy 41.1444, 0.3042, 0.3012 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(178, 168, 189) }
```

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

```
.border{ border-color:rgb(178, 168, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 168, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 168, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 168, 189);  
box-shadow:4px 4px 4px 4px rgb(178, 168,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 41.1444, 0.3042, 0.3012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 168, 189) }
```

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

```
.background{ background-color: rgb(178,  
168, 189) }
```

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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