

Converting Colors

$Y_{xy}(42.9793, 0.3037, 0.3040)$

Have a look what the booklet for
Yxy(42.9793, 0.3037, 0.3040)
contains.

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Color

Yxy(42.9699, 0.3042, 0.3042)

Conversions

Conversions Part 1

Format	Color
Hex	B4ACBF
RGB	180, 172, 191
RGB Percent	71%, 67%, 75%
CMY	0.2943, 0.3254, 0.2510
CMYK	0.06, 0.10, 0.00, 0.25
HSL	265°, 13%, 71%
HSV	265°, 10%, 75%
XYZ	42.9699, 42.9699, 55.3156
YIQ	176.5580, -1.3310, 7.6050

Conversions

Conversions Part 2

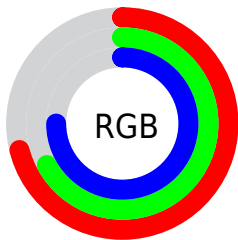
Format	Color
RYB	180, 172, 191
Decimal	11840703
CIELab	71.53, 6.44, -8.66
CIELCh	72, 10.797, 306.639
Yxy	42.9699, 0.3042, 0.3042
Android (android.graphics.Color)	4290030783 (0xFFB4ACBF)
YUV	176.5580, 7.1199, 3.0186
Hunter-Lab	65.5514, 2.2943, -4.1459

Details

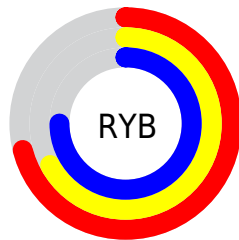
The Yxy color $42.9699, 0.3042, 0.3042$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $50.3134, 0.3206, 0.3536$, and the grayscale version is $43.6830, 0.3127, 0.3290$.

A 20% lighter version of the original color is $79.4864, 0.3062, 0.3087$, and $19.7799, 0.3010, 0.2968$ is the 20% darker color. If you saturate the color by 10%, you get $34.9350, 0.2942, 0.2770$, and if you desaturate by 10%, it is $52.1602, 0.3128, 0.3292$.

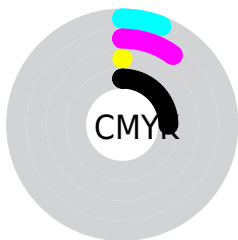
Distribution



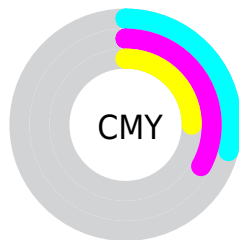
- Red (71%)
- Green (67%)
- Blue (75%)



- Red (71%)
- Yellow (67%)
- Blue (75%)



- Cyan (6%)
- Magenta (10%)
- Yellow (0%)
- Black (25%)



- Cyan (29%)
- Magenta (33%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.9699, 0.3042, 0.3042 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 42.9699, 0.3042, 0.3042 by changing the saturation by 10% instead.

■ 42.9699, 0.3042,
0.3042

■ 42.9699, 0.3042,
0.3042

358.4880, 0.3086,
0.3166

■ 29.8615, 0.3031,
0.3011

■ 79.6654, 0.3058,
0.3087

■ 19.7335, 0.3016,
0.2971

104.0214, 0.3064,
0.3104

■ 12.2015, 0.2996,
0.2919

132.8952, 0.3069,
0.3118

■ 6.8810, 0.2967,
0.2845

166.6715, 0.3074,
0.3130

■ 3.3878, 0.2923,
0.2735

205.7345, 0.3077,
0.3141

■ 1.3374, 0.2846,
0.2555

250.4686, 0.3080,

■ 0.1699, 0.2492,

0.3150

0.1328

301.2583, 0.3083,
0.3159

0.0000, 0.0000,
0.0000

42.9699, 0.3042,
0.3042

42.9699, 0.3042,
0.3042

34.9350, 0.2942,
0.2770

52.1602, 0.3128,
0.3292

28.0034, 0.2828,
0.2479

62.5447, 0.3201,
0.3517

22.1265, 0.2701,
0.2176

74.1668, 0.3262,
0.3720

17.2505, 0.2561,
0.1870

87.0664, 0.3314,
0.3900

13.3161, 0.2413,
0.1576

93.0329, 0.3377,
0.3947

■ 10.2581, 0.2264,
0.1310

■ 94.9899, 0.3452,
0.3932

■ 8.0021, 0.2120,
0.1087

■ 96.5413, 0.3508,
0.3919

■ 6.4608, 0.1988,
0.0920

■ 5.4662, 0.1873,
0.0806

Harmonies

Analogous

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



42.9699, 0.2911, 0.3032



42.9699, 0.3042, 0.3042



42.9699, 0.3199, 0.3114

Triad

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



42.9699, 0.3042, 0.3042



42.9699, 0.3424, 0.3483



42.9699, 0.2918, 0.3347

Complementary

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



42.9699, 0.3042, 0.3042



50.3134, 0.3206, 0.3536

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.



42.9699, 0.3051, 0.3477



42.9699, 0.3042, 0.3042



42.9699, 0.3344, 0.3554

Square

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



42.9699, 0.3042, 0.3042



42.9699, 0.3423, 0.3364



42.9699, 0.3207, 0.3553



42.9699, 0.2841, 0.3204

Rectangle

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



42.9699, 0.3042, 0.3042



42.9699, 0.3297, 0.3188



42.9699, 0.3207, 0.3553



42.9699, 0.2957, 0.3394

Sweetspot

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



42.9717, 0.3042, 0.3042



88.0761, 0.3102, 0.3216



46.4378, 0.2975, 0.3186



19.0414, 0.3096, 0.3196



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



42.9717, 0.3042, 0.3042



73.5436, 0.3021, 0.2983



44.1458, 0.3125, 0.3048



9.4150, 0.3047, 0.3057



3.6337, 0.1886, 0.0813



0.1808, 0.2168, 0.0968

Inverse Universe

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



44.0098, 0.3205, 0.3149



75.8034, 0.3224, 0.3116



49.1915, 0.3128, 0.3542



9.6270, 0.3200, 0.3157



8.0520, 0.4594, 0.2305



0.3282, 0.4178, 0.2075

Previews

White Background



This preview shows how the Yxy color 42.9699, 0.3042, 0.3042 looks on a white background.

Color Contrast Check

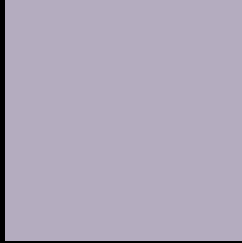
Large Text (above 18pt) WCAG AA × Fail

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 42.9699, 0.3042, 0.3042 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

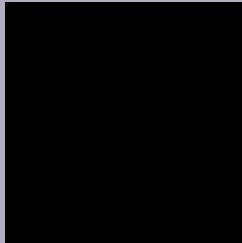
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.9699, 0.3042, 0.3042

Background



This preview shows how black text looks on a background with the Yxy color 42.9699, 0.3042, 0.3042.



This preview shows how white text looks on a background with the Yxy color 42.9699, 0.3042, 0.3042.

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

42.9699, 0.3042, 0.3042

Protanopia

42.9621, 0.2975, 0.3051

Deuteranopia

42.8253, 0.3087, 0.3019



Tritanopia

43.0160, 0.3074, 0.3119

Trichromacy



Original Color

42.9699, 0.3042, 0.3042

Protanomaly

42.9230, 0.3000, 0.3040

Deuteranomaly

42.9547, 0.3069, 0.3031

Tritanomaly

43.1017, 0.3058, 0.3093

Monochromacy



Original Color

42.9699, 0.3042, 0.3042

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

43.5023, 0.3097, 0.3197

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.9699, 0.3042, 0.3042 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(180, 172, 191)` looks like.

```
.text, #text, p{  
    color:rgb(180, 172, 191)  
}
```

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(180, 172, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 172, 191) }
```

Border

The CSS property to change the border of an element to Yxy 42.9699, 0.3042, 0.3042 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(180, 172, 191) }
```

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

```
.border{ border-color:rgb(180, 172, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 172, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 172, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 172, 191);  
box-shadow:4px 4px 4px 4px rgb(180, 172,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 42.9699, 0.3042, 0.3042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 172, 191) }
```

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

```
.background{ background-color: rgb(180,  
172, 191) }
```

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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