

Converting Colors

$Y_{xy}(42.4529, 0.3046, 0.3155)$

Have a look what the booklet for
Yxy(42.4529, 0.3046, 0.3155)
contains.

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Color

Yxy(42.3465, 0.3046, 0.3142)

Conversions

Conversions Part 1

Format	Color
Hex	AEADB8
RGB	174, 173, 184
RGB Percent	68%, 68%, 72%
CMY	0.3177, 0.3216, 0.2783
CMYK	0.05, 0.06, 0.00, 0.28
HSL	245°, 7%, 70%
HSV	245°, 6%, 72%
XYZ	41.0527, 42.3465, 51.3765
YIQ	174.5530, -2.9350, 3.6330

Conversions

Conversions Part 2

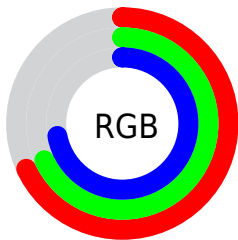
Format	Color
R_{YB}	174, 173, 184
Decimal	11447736
CIE _{Lab}	71.11, 2.48, -5.52
CIE _{LCh}	71, 6.048, 294.232
Yxy	42.3465, 0.3046, 0.3142
Android (android.graphics.Color)	4289637816 (0xFFAEADB8)
YUV	174.5530, 4.6574, -0.4850
Hunter-Lab	65.0742, -1.2715, -1.2579

Details

The Yxy color **42.3465, 0.3046, 0.3142** is a light color, and the websafe version is hex **999999**. A complement of this color would be **47.3857, 0.3206, 0.3435**, and the grayscale version is **42.6049, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.4361, 0.3058, 0.3165**, and **19.4510, 0.3027, 0.3105** is the 20% darker color. If you saturate the color by 10%, you get **33.9644, 0.2895, 0.2870**, and if you desaturate by 10%, it is **51.9442, 0.3178, 0.3383**.

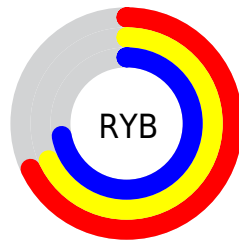
Distribution



Red (68%)

Green (68%)

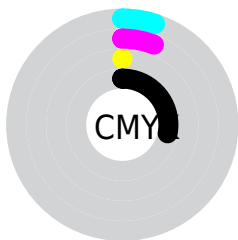
Blue (72%)



Red (68%)

Yellow (68%)

Blue (72%)

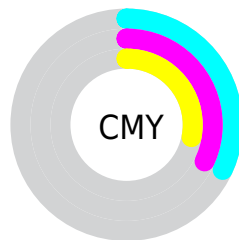


Cyan (5%)

Magenta (6%)

Yellow (0%)

Black (28%)



Cyan (32%)

Magenta (32%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.3465, 0.3046, 0.3142 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 42.3465, 0.3046, 0.3142 by changing the saturation by 10% instead.

■ 42.3465, 0.3046,
0.3142

■ 42.3465, 0.3046,
0.3142

355.9173, 0.3087,
0.3217

■ 29.3727, 0.3035,
0.3123

■ 78.7238, 0.3061,
0.3169

■ 19.3629, 0.3022,
0.3099

102.8960, 0.3067,
0.3180

■ 11.9328, 0.3003,
0.3066

131.5699, 0.3072,
0.3188

■ 6.6980, 0.2977,
0.3020

165.1298, 0.3076,
0.3196

■ 3.2739, 0.2936,
0.2949

203.9601, 0.3079,
0.3202

■ 1.2764, 0.2865,
0.2830

248.4452, 0.3082,

■ 0.1228, 0.2164,

0.3208

0.1499

298.9694, 0.3085,
0.3212

0.0000, 0.0000,
0.0000

42.3465, 0.3046,
0.3142

42.3465, 0.3046,
0.3142

33.9644, 0.2895,
0.2870

51.9442, 0.3178,
0.3383

26.7443, 0.2725,
0.2568

62.7977, 0.3291,
0.3593

20.6365, 0.2538,
0.2240

74.9520, 0.3389,
0.3776

15.5854, 0.2339,
0.1897

88.4483, 0.3472,
0.3934

11.5311, 0.2137,
0.1556

96.2422, 0.3549,
0.3988

■ 8.4072, 0.1944,
0.1238

■ 6.1395, 0.1774,
0.0969

■ 4.6423, 0.1642,
0.0770

■ 3.8074, 0.1554,
0.0651

Harmonies

Analogous

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



42.3465, 0.2983, 0.3154



42.3465, 0.3046, 0.3142



42.3465, 0.3131, 0.3169

Triad

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



42.3465, 0.3046, 0.3142



42.3465, 0.3299, 0.3375



42.3465, 0.3037, 0.3354

Complementary

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



42.3465, 0.3046, 0.3142



47.3857, 0.3206, 0.3435

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.



42.3465, 0.3121, 0.3416



42.3465, 0.3046, 0.3142



42.3465, 0.3273, 0.3427

Square

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



42.3465, 0.3046, 0.3142



42.3465, 0.3279, 0.3302



42.3465, 0.3207, 0.3442



42.3465, 0.2978, 0.3276

Rectangle

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



42.3465, 0.3046, 0.3142



42.3465, 0.3190, 0.3205



42.3465, 0.3207, 0.3442



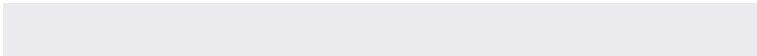
42.3465, 0.3064, 0.3378

Sweetspot

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



42.3483, 0.3046, 0.3142



83.3559, 0.3100, 0.3241



46.2617, 0.3036, 0.3278



18.0092, 0.3102, 0.3244



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



42.3483, 0.3046, 0.3142



74.9227, 0.3030, 0.3113



42.9863, 0.3093, 0.3144



9.1176, 0.3025, 0.3104



2.4784, 0.1535, 0.0619



0.1004, 0.1667, 0.0692

Inverse Universe

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



43.5035, 0.3142, 0.3159



77.3902, 0.3145, 0.3134



46.7308, 0.3159, 0.3437



9.4344, 0.3146, 0.3126



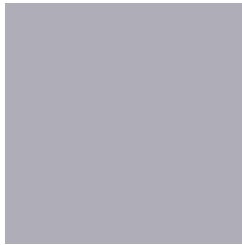
8.9629, 0.3446, 0.1672



0.3201, 0.3378, 0.1634

Previews

White Background



This preview shows how the Yxy color 42.3465, 0.3046, 0.3142 looks on a white background.

Color Contrast Check

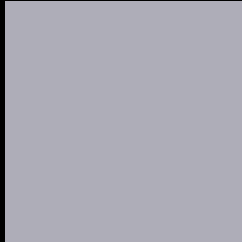
Large Text (above 18pt) WCAG AA × Fail

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 42.3465, 0.3046, 0.3142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

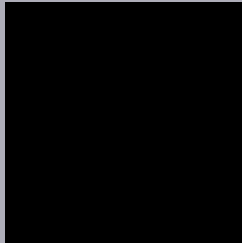
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

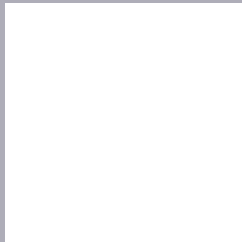
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 42.3465, 0.3046, 0.3142

Background



This preview shows how black text looks on a background with the Yxy color 42.3465, 0.3046, 0.3142.

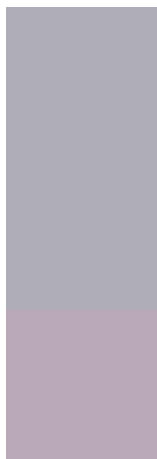


This preview shows how white text looks on a background with the Yxy color 42.3465, 0.3046, 0.3142.

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

42.3465, 0.3046, 0.3142

Protanopia

42.3465, 0.3046, 0.3142

Deuteranopia

42.3178, 0.3146, 0.3082



Tritanopia

42.4310, 0.3030, 0.3116

Trichromacy



Original Color

42.3465, 0.3046, 0.3142

Protanomaly

42.3465, 0.3046, 0.3142

Deuteranomaly

42.1973, 0.3110, 0.3093

Tritanomaly

42.3886, 0.3038, 0.3129

Monochromacy



Original Color

42.3465, 0.3046, 0.3142

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.6004, 0.3103, 0.3236

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.3465, 0.3046, 0.3142 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(174, 173, 184)` looks like.

```
.text, #text, p{  
    color:rgb(174, 173, 184)  
}
```

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(174, 173, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 173, 184) }
```

Border

The CSS property to change the border of an element to Yxy 42.3465, 0.3046, 0.3142 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(174, 173, 184) }
```

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

```
.border{ border-color:rgb(174, 173, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 173, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 173, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 173, 184);  
box-shadow:4px 4px 4px 4px rgb(174, 173,  
184) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 42.3465, 0.3046, 0.3142$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 173, 184) }
```

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

```
.background{ background-color: rgb(174,  
173, 184) }
```

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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