

Converting Colors

$Y_{xy}(42.4583, 0.3060, 0.3017)$

Have a look what the booklet for
Yxy(42.4583, 0.3060, 0.3017)
contains.

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Color

Yxy(42.4561, 0.3060, 0.3017)

Conversions

Conversions Part 1

Format	Color
Hex	B6AABF
RGB	182, 170, 191
RGB Percent	71%, 67%, 75%
CMY	0.2864, 0.3333, 0.2510
CMYK	0.05, 0.11, 0.00, 0.25
HSL	274°, 14%, 71%
HSV	274°, 11%, 75%
XYZ	43.0612, 42.4561, 55.2056
YIQ	175.9820, 0.4110, 9.0750

Conversions

Conversions Part 2

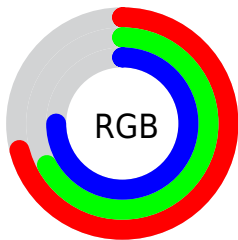
Format	Color
R _Y B	182, 170, 191
Decimal	11971263
CIE Lab	71.18, 8.22, -9.16
CIE LCh	71, 12.312, 311.915
Yxy	42.4561, 0.3060, 0.3017
Android (android.graphics.Color)	4290161343 (0xFFB6AABF)
YUV	175.9820, 7.4039, 5.2778
Hunter-Lab	65.1583, 3.9382, -4.6228

Details

The Yxy color $42.4561, 0.3060, 0.3017$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $49.7466, 0.3188, 0.3565$, and the grayscale version is $43.3648, 0.3127, 0.3290$.

A 20% lighter version of the original color is $78.7430, 0.3076, 0.3067$, and $19.4590, 0.3034, 0.2934$ is the 20% darker color. If you saturate the color by 10%, you get $34.8374, 0.2988, 0.2750$, and if you desaturate by 10%, it is $51.1774, 0.3122, 0.3267$.

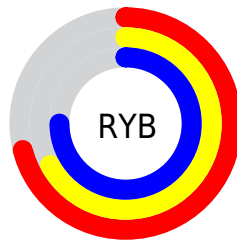
Distribution



Red (71%)

Green (67%)

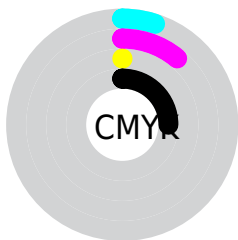
Blue (75%)



Red (71%)

Yellow (67%)

Blue (75%)

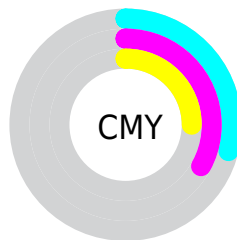


Cyan (5%)

Magenta (11%)

Yellow (0%)

Black (25%)



Cyan (29%)

Magenta (33%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.4561, 0.3060, 0.3017 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 42.4561, 0.3060, 0.3017 by changing the saturation by 10% instead.

■ 42.4561, 0.3060,
0.3017

■ 42.4561, 0.3060,
0.3017

■ 356.3702, 0.3095,
0.3153

■ 29.4586, 0.3051,
0.2983

■ 78.8894, 0.3073,
0.3066

■ 19.4280, 0.3039,
0.2940

■ 103.0941, 0.3078,
0.3085

■ 11.9800, 0.3022,
0.2882

■ 131.8032, 0.3082,
0.3101

■ 6.7300, 0.2998,
0.2801

■ 165.4012, 0.3085,
0.3114

■ 3.2938, 0.2961,
0.2681

■ 204.2726, 0.3088,
0.3126

■ 1.2870, 0.2894,
0.2484

■ 248.8016, 0.3091,

■ 0.1311, 0.2625,

0.3136

0.1057

299.3726, 0.3093,
0.3145

0.0000, 0.0000,
0.0000

42.4561, 0.3060,
0.3017

42.4561, 0.3060,
0.3017

34.8374, 0.2988,
0.2750

51.1774, 0.3122,
0.3267

28.2703, 0.2904,
0.2469

61.0388, 0.3174,
0.3496

22.7076, 0.2810,
0.2182

72.0828, 0.3217,
0.3705

18.0965, 0.2705,
0.1899

84.3478, 0.3252,
0.3893

14.3790, 0.2594,
0.1633

90.9794, 0.3295,
0.3965

■ 11.4908, 0.2479,
0.1396

■ 92.3178, 0.3349,
0.3954

■ 9.3584, 0.2364,
0.1201

■ 93.7204, 0.3404,
0.3942

■ 7.8949, 0.2255,
0.1058

■ 95.1882, 0.3459,
0.3930

■ 6.9975, 0.2163,
0.0965

■ 96.5409, 0.3508,
0.3920

Harmonies

Analogous

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



42.4561, 0.2902, 0.2992



42.4561, 0.3060, 0.3017



42.4561, 0.3240, 0.3109

Triad

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



42.4561, 0.3060, 0.3017



42.4561, 0.3458, 0.3529



42.4561, 0.2867, 0.3326

Complementary

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



42.4561, 0.3060, 0.3017



49.7466, 0.3188, 0.3565

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.



42.4561, 0.3009, 0.3482



42.4561, 0.3060, 0.3017



42.4561, 0.3352, 0.3599

Square

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



42.4561, 0.3060, 0.3017



42.4561, 0.3474, 0.3400



42.4561, 0.3187, 0.3583



42.4561, 0.2793, 0.3164

Rectangle

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



42.4561, 0.3060, 0.3017



42.4561, 0.3348, 0.3198



42.4561, 0.3187, 0.3583



42.4561, 0.2908, 0.3381

Sweetspot

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



42.4579, 0.3060, 0.3017



88.2767, 0.3110, 0.3217



44.5912, 0.2959, 0.3132



19.0969, 0.3105, 0.3197



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.



42.4579, 0.3060, 0.3017



72.8463, 0.3045, 0.2959



43.5308, 0.3151, 0.3041



9.4862, 0.3071, 0.3059



4.6478, 0.2176, 0.0973



0.2200, 0.2421, 0.1107

Inverse Universe

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



43.0876, 0.3241, 0.3174



74.1970, 0.3267, 0.3149



48.7591, 0.3104, 0.3552



9.6027, 0.3223, 0.3192



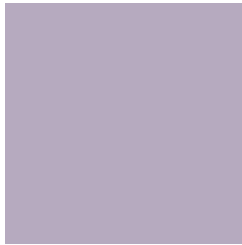
7.6973, 0.5225, 0.2652



0.3146, 0.4623, 0.2321

Previews

White Background



This preview shows how the Yxy color 42.4561, 0.3060, 0.3017 looks on a white background.

Color Contrast Check

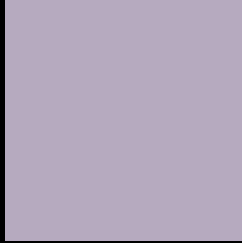
Large Text (above 18pt) WCAG AA × Fail

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 42.4561, 0.3060, 0.3017 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

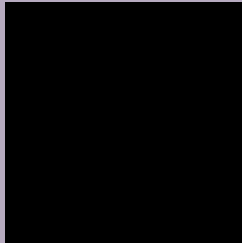
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.4561, 0.3060, 0.3017

Background



This preview shows how black text looks on a background with the Yxy color 42.4561, 0.3060, 0.3017.



This preview shows how white text looks on a background with the Yxy color 42.4561, 0.3060, 0.3017.

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

42.4561, 0.3060, 0.3017

Protanopia

42.5081, 0.2958, 0.3024

Deuteranopia

42.2048, 0.3069, 0.3004



Tritanopia

42.4524, 0.3100, 0.3106

Trichromacy



Original Color

42.4561, 0.3060, 0.3017

Protanomaly

42.5409, 0.3000, 0.3026

Deuteranomaly

42.2048, 0.3069, 0.3004

Tritanomaly

42.5374, 0.3084, 0.3080

Monochromacy



Original Color

42.4561, 0.3060, 0.3017

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.0733, 0.3105, 0.3197

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.4561, 0.3060, 0.3017 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(182, 170, 191)` looks like.

```
.text, #text, p{  
    color:rgb(182, 170, 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(182, 170, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 170, 191) }
```

Border

The CSS property to change the border of an element to Yxy 42.4561, 0.3060, 0.3017 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(182, 170, 191) }
```

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

```
.border{ border-color:rgb(182, 170, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 170, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 170, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 170, 191);  
box-shadow:4px 4px 4px 4px rgb(182, 170,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 42.4561, 0.3060, 0.3017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 170, 191) }
```

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

```
.background{ background-color: rgb(182,  
170, 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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