

Converting Colors

Yxy(51.5650, 0.2952, 0.3039)

Have a look what the booklet for
Yxy(51.5650, 0.2952, 0.3039)
contains.

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Color

Yxy(51.4874, 0.2949, 0.3032)

Conversions

Conversions Part 1

Format	Color
Hex	BABDD2
RGB	186, 189, 210
RGB Percent	73%, 74%, 82%
CMY	0.2706, 0.2588, 0.1766
CMYK	0.11, 0.10, 0.00, 0.18
HSL	232°, 21%, 78%
HSV	232°, 11%, 82%
XYZ	50.0779, 51.4874, 68.2480
YIQ	190.4970, -8.5290, 5.8950

Conversions

Conversions Part 2

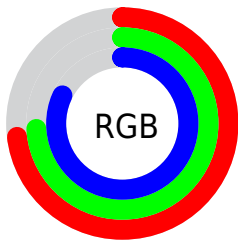
Format	Color
RYB	186, 189, 210
Decimal	12238290
CIELab	76.97, 3.09, -10.86
CIELCh	77, 11.294, 285.878
Yxy	51.4874, 0.2949, 0.3032
Android (android.graphics.Color)	4290428370 (0xFFBABDD2)
YUV	190.4970, 9.6150, -3.9439
Hunter-Lab	71.7547, -0.9948, -6.1641

Details

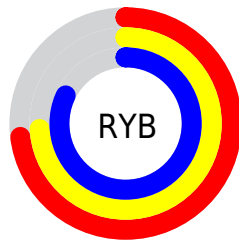
The Yxy color **51.4874, 0.2949, 0.3032** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.8526, 0.3300, 0.3536**, and the grayscale version is **51.7421, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.4021, 0.3049, 0.3192**, and **24.9952, 0.2898, 0.2959** is the 20% darker color. If you saturate the color by 10%, you get **41.6406, 0.2775, 0.2775**, and if you desaturate by 10%, it is **62.7259, 0.3106, 0.3260**.

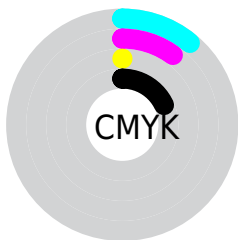
Distribution



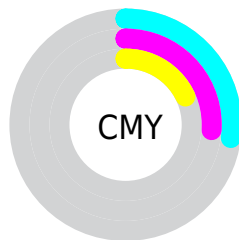
- Red (73%)
- Green (74%)
- Blue (82%)



- Red (73%)
- Yellow (74%)
- Blue (82%)



- Cyan (11%)
- Magenta (10%)
- Yellow (0%)
- Black (18%)



- Cyan (27%)
- Magenta (26%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.4874, 0.2949, 0.3032 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 51.4874, 0.2949, 0.3032 by changing the saturation by 10% instead.

■ 51.4874, 0.2949,
0.3032

■ 51.4874, 0.2949,
0.3032

392.4545, 0.3037,
0.3158

■ 36.5967, 0.2928,
0.3002

■ 92.3748, 0.2981,
0.3077

■ 24.8953, 0.2900,
0.2963

119.1403, 0.2992,
0.3094

■ 15.9991, 0.2864,
0.2913

150.6328, 0.3003,
0.3109

■ 9.5235, 0.2815,
0.2845

187.2367, 0.3011,
0.3121

■ 5.0842, 0.2744,
0.2747

229.3364, 0.3019,
0.3132

■ 2.2968, 0.2631,
0.2595

277.3164, 0.3026,

■ 0.7720, 0.2429,

0.3142

0.2318

331.5609, 0.3031,
0.3150

0.0000, 0.0000,
0.0000

51.4874, 0.2949,
0.3032

51.4874, 0.2949,
0.3032

41.6406, 0.2775,
0.2775

62.7259, 0.3106,
0.3260

33.1251, 0.2586,
0.2489

75.4007, 0.3247,
0.3460

25.8852, 0.2386,
0.2182

89.5625, 0.3370,
0.3633

19.8593, 0.2184,
0.1861

97.4314, 0.3394,
0.3731

14.9801, 0.1989,
0.1542

■ 11.1741, 0.1814,
0.1246

■ 8.3588, 0.1673,
0.0992

■ 6.4395, 0.1575,
0.0798

■ 5.4020, 0.1524,
0.0686

Harmonies

Analogous

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



51.4874, 0.2857, 0.3069



51.4874, 0.2949, 0.3032



51.4874, 0.3090, 0.3062

Triad

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



51.4874, 0.2949, 0.3032



51.4874, 0.3428, 0.3402



51.4874, 0.3007, 0.3438

Complementary

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



51.4874, 0.2949, 0.3032



61.8526, 0.3300, 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.



51.4874, 0.3158, 0.3533



51.4874, 0.2949, 0.3032



51.4874, 0.3403, 0.3508

Square

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



51.4874, 0.2949, 0.3032



51.4874, 0.3369, 0.3271



51.4874, 0.3304, 0.3558



51.4874, 0.2890, 0.3302

Rectangle

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



51.4874, 0.2949, 0.3032



51.4874, 0.3194, 0.3114



51.4874, 0.3304, 0.3558



51.4874, 0.3056, 0.3476

Sweetspot

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



51.4896, 0.2949, 0.3032



94.3815, 0.3082, 0.3225



61.0102, 0.2974, 0.3328



19.8875, 0.3070, 0.3207



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



51.4896, 0.2949, 0.3032



75.5121, 0.2903, 0.2964



51.3479, 0.3018, 0.3001



11.6526, 0.2982, 0.3080



3.3766, 0.1528, 0.0701



0.2695, 0.1598, 0.0952

Inverse Universe

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



52.4928, 0.3306, 0.3255



77.4488, 0.3356, 0.3246



62.0643, 0.3228, 0.3575



11.8320, 0.3271, 0.3261



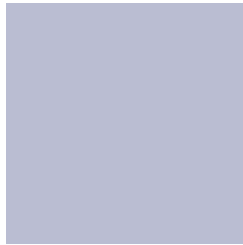
8.4121, 0.6232, 0.3207



0.4785, 0.5831, 0.2986

Previews

White Background



This preview shows how the Yxy color 51.4874, 0.2949, 0.3032 looks on a white background.

Color Contrast Check

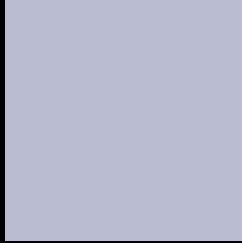
Large Text (above 18pt) WCAG AA × Fail

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 51.4874, 0.2949, 0.3032 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

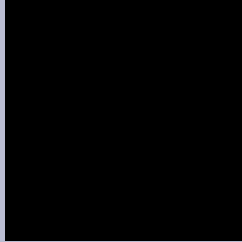
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

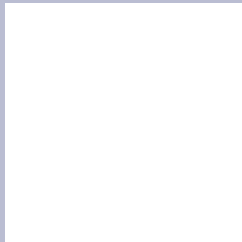
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.4874, 0.2949, 0.3032

Background



This preview shows how black text looks on a background with the Yxy color 51.4874, 0.2949, 0.3032.

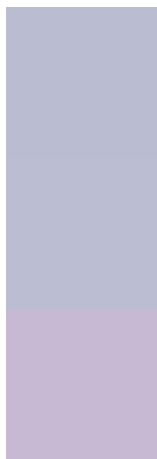


This preview shows how white text looks on a background with the Yxy color 51.4874, 0.2949, 0.3032.

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

51.4874, 0.2949, 0.3032

Protanopia

51.6131, 0.2956, 0.3032

Deuteranopia

51.5432, 0.3044, 0.2979



Tritanopia

51.5490, 0.2977, 0.3104

Trichromacy



Original Color

51.4874, 0.2949, 0.3032

Protanomaly

51.6131, 0.2956, 0.3032

Deuteranomaly

51.2903, 0.3004, 0.2988

Tritanomaly

51.6462, 0.2962, 0.3079

Monochromacy



Original Color

51.4874, 0.2949, 0.3032

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.6769, 0.3067, 0.3203

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.4874, 0.2949, 0.3032 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(186, 189, 210)` looks like.

```
.text, #text, p{  
    color:rgb(186, 189, 210)  
}
```

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(186, 189, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 189, 210) }
```

Border

The CSS property to change the border of an element to Yxy 51.4874, 0.2949, 0.3032 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(186, 189, 210) }
```

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

```
.border{ border-color:rgb(186, 189, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 189, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 189, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 189, 210);  
box-shadow:4px 4px 4px 4px rgb(186, 189,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 51.4874, 0.2949, 0.3032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 189, 210) }
```

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

```
.background{ background-color: rgb(186,  
189, 210) }
```

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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