

Converting Colors

$Y_{xy}(45.0693, 0.3132, 0.3169)$

Have a look what the booklet for
Yxy(45.0693, 0.3132, 0.3169)
contains.

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Color

Yxy(45.0349, 0.3133, 0.3161)

Conversions

Conversions Part 1

Format	Color
Hex	BAB0BA
RGB	186, 176, 186
RGB Percent	73%, 69%, 73%
CMY	0.2706, 0.3098, 0.2705
CMYK	0.00, 0.05, 0.00, 0.27
HSL	300°, 7%, 71%
HSV	300°, 5%, 73%
XYZ	44.6360, 45.0349, 52.7995
YIQ	180.1300, 2.7500, 5.2300

Conversions

Conversions Part 2

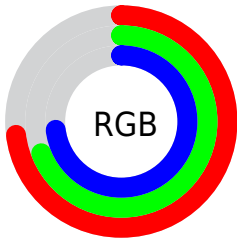
Format	Color
R _Y B	186, 176, 186
Decimal	12234938
CIE Lab	72.91, 5.39, -3.83
CIE LCh	73, 6.611, 324.631
Yxy	45.0349, 0.3133, 0.3161
Android (android.graphics.Color)	4290425018 (0xFFBAB0BA)
YUV	180.1300, 2.8939, 5.1480
Hunter-Lab	67.1080, 1.2877, 0.3272

Details

The Yxy color **45.0349, 0.3133, 0.3161** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.4910, 0.3121, 0.3422**, and the grayscale version is **45.6986, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.0013, 0.3132, 0.3190**, and **21.0953, 0.3135, 0.3132** is the 20% darker color. If you saturate the color by 10%, you get **38.2292, 0.3144, 0.2916**, and if you desaturate by 10%, it is **52.8440, 0.3122, 0.3398**.

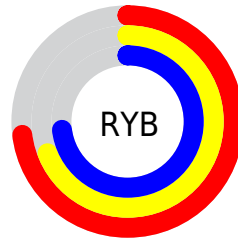
Distribution



Red (73%)

Green (69%)

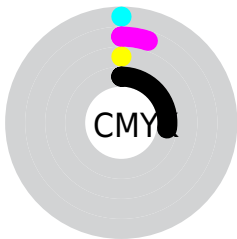
Blue (73%)



Red (73%)

Yellow (69%)

Blue (73%)

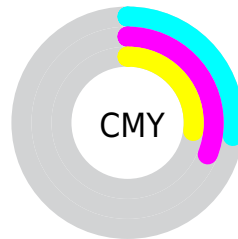


Cyan (0%)

Magenta (5%)

Yellow (0%)

Black (27%)



Cyan (27%)


Magenta (31%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.0349, 0.3133, 0.3161 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 45.0349, 0.3133, 0.3161 by changing the saturation by 10% instead.


 45.0349, 0.3133,
0.3161

 45.0349, 0.3133,
0.3161


366.9149, 0.3130,
0.3225

 31.4849, 0.3134,
0.3145


 82.7728, 0.3132,
0.3184

 20.9684, 0.3134,
0.3124


107.7295, 0.3132,
0.3193

 13.1009, 0.3135,
0.3097


137.2572, 0.3131,
0.3201

 7.4981, 0.3136,
0.3059

171.7403, 0.3131,
0.3207

 3.7755, 0.3137,
0.3002

211.5632, 0.3131,
0.3212

 1.5488, 0.3139,
0.2908

257.1104, 0.3131,

 0.3227, 0.3176,

0.3217

0.2339

308.7661, 0.3131,
0.3222

0.0000, 0.0000,
0.0000

45.0349, 0.3133,
0.3161

45.0349, 0.3133,
0.3161

38.2292, 0.3144,
0.2916

52.8440, 0.3122,
0.3398

32.3808, 0.3155,
0.2668

61.6887, 0.3112,
0.3624

27.4483, 0.3166,
0.2426

71.6070, 0.3102,
0.3834

23.3854, 0.3176,
0.2199

82.6334, 0.3093,
0.4028

20.1416, 0.3185,
0.1995

85.5314, 0.3092,
0.4073

■ 17.6613, 0.3192,
0.1824

■ 85.5370, 0.3092,
0.4073

■ 15.8818, 0.3198,
0.1693

■ 85.5427, 0.3092,
0.4073

■ 14.7307, 0.3201,
0.1603

■ 85.5484, 0.3092,
0.4073

■ 14.1187, 0.3203,
0.1554

■ 85.5541, 0.3093,
0.4073

Harmonies

Analogous

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



45.0349, 0.3041, 0.3132



45.0349, 0.3133, 0.3161



45.0349, 0.3224, 0.3223

Triad

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



45.0349, 0.3133, 0.3161



45.0349, 0.3283, 0.3437



45.0349, 0.2967, 0.3273

Complementary

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



45.0349, 0.3133, 0.3161



47.4910, 0.3121, 0.3422

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.



45.0349, 0.3030, 0.3358



45.0349, 0.3133, 0.3161



45.0349, 0.3212, 0.3453

Square

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



45.0349, 0.3133, 0.3161



45.0349, 0.3311, 0.3382



45.0349, 0.3119, 0.3424



45.0349, 0.2947, 0.3195

Rectangle

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



45.0349, 0.3133, 0.3161



45.0349, 0.3272, 0.3276



45.0349, 0.3119, 0.3424



45.0349, 0.2984, 0.3302

Sweetspot

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



45.0368, 0.3133, 0.3161



86.1484, 0.3129, 0.3242



43.8960, 0.3047, 0.3160



19.0029, 0.3129, 0.3244



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.



45.0368, 0.3133, 0.3161



80.6712, 0.3134, 0.3144



44.8377, 0.3173, 0.3223



9.5895, 0.3134, 0.3133



9.3706, 0.3203, 0.1538



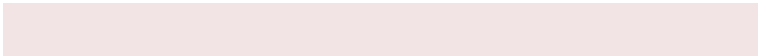
0.3307, 0.3205, 0.1539

Inverse Universe

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



44.6302, 0.3215, 0.3290



79.8392, 0.3228, 0.3290



47.6830, 0.3084, 0.3358



9.4832, 0.3236, 0.3290



7.0239, 0.6398, 0.3298



0.2477, 0.6385, 0.3291

Previews

White Background



This preview shows how the Yxy color 45.0349, 0.3133, 0.3161 looks on a white background.

Color Contrast Check

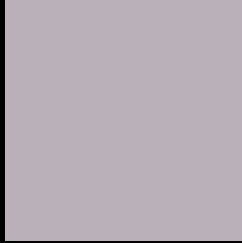
Large Text (above 18pt) WCAG AA × Fail

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 45.0349, 0.3133, 0.3161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

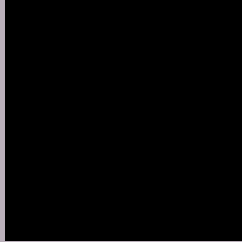
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

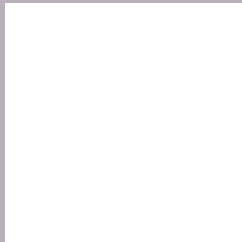
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 45.0349, 0.3133, 0.3161

Background



This preview shows how black text looks on a background with the Yxy color 45.0349, 0.3133, 0.3161.



This preview shows how white text looks on a background with the Yxy color 45.0349, 0.3133, 0.3161.

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

45.0349, 0.3133, 0.3161

Protanopia

45.1319, 0.3073, 0.3172

Deuteranopia

45.1547, 0.3196, 0.3138



Tritanopia

44.7732, 0.3109, 0.3110

Trichromacy



Original Color

45.0349, 0.3133, 0.3161

Protanomaly

44.9772, 0.3090, 0.3160

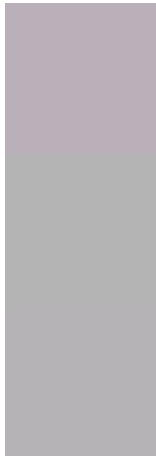
Deuteranomaly

45.1523, 0.3169, 0.3150

Tritanomaly

44.7299, 0.3118, 0.3123

Monochromacy



Original Color

45.0349, 0.3133, 0.3161

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

45.5627, 0.3129, 0.3251

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.0349, 0.3133, 0.3161 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, 176, 186)` looks like.

```
.text, #text, p{  
    color:rgb(186, 176, 186)  
}
```

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, 176, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 176, 186) }
```

Border

The CSS property to change the border of an element to Yxy 45.0349, 0.3133, 0.3161 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, 176, 186) }
```

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

```
.border{ border-color:rgb(186, 176, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 176, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(186, 176, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(186, 176, 186); box-shadow:4px 4px 4px 4px rgb(186, 176, 186) }
```


Background

The CSS property to change the background color of an element to Yxy 45.0349, 0.3133, 0.3161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 176, 186) }
```

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

```
.background{ background-color: rgb(186,  
176, 186) }
```

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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