

Converting Colors

Yxy(44.6453, 0.3151, 0.3166)

Have a look what the booklet for
Yxy(44.6453, 0.3151, 0.3166)
contains.

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Color

Yxy(44.7275, 0.3151, 0.3161)

Conversions

Conversions Part 1

Format	Color
Hex	BBAFB9
RGB	187, 175, 185
RGB Percent	73%, 69%, 73%
CMY	0.2665, 0.3137, 0.2745
CMYK	0.00, 0.06, 0.01, 0.27
HSL	310°, 8%, 71%
HSV	310°, 6%, 73%
XYZ	44.5860, 44.7275, 52.1844
YIQ	179.7280, 3.9420, 5.6540

Conversions

Conversions Part 2

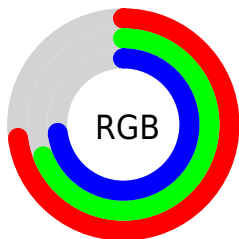
Format	Color
RYB	187, 175, 185
Decimal	12300217
CIELab	72.71, 6.12, -3.56
CIElCh	73, 7.081, 329.787
Yxy	44.7275, 0.3151, 0.3161
Android (android.graphics.Color)	4290490297 (0xFFBBAFB9)
YUV	179.7280, 2.5991, 6.3775
Hunter-Lab	66.8786, 1.9631, 0.5519

Details

The Yxy color $44.7275, 0.3151, 0.3161$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $47.8418, 0.3104, 0.3422$, and the grayscale version is $45.4755, 0.3127, 0.3290$.

A 20% lighter version of the original color is $82.5574, 0.3145, 0.3190$, and $20.9002, 0.3159, 0.3132$ is the 20% darker color. If you saturate the color by 10%, you get $37.8151, 0.3193, 0.2954$, and if you desaturate by 10%, it is $52.6551, 0.3115, 0.3360$.

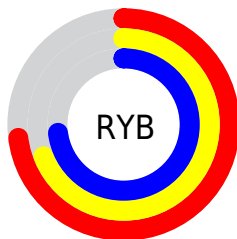
Distribution



Red (73%)

Green (69%)

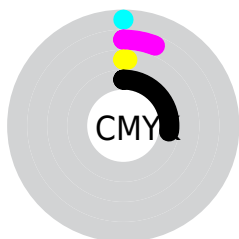
Blue (73%)



Red (73%)

Yellow (69%)

Blue (73%)

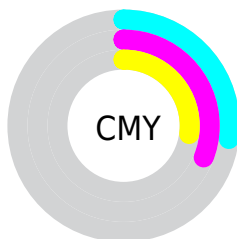


Cyan (0%)

Magenta (6%)

Yellow (1%)

Black (27%)



Cyan (27%)

Magenta (31%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.7275, 0.3151, 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 44.7275, 0.3151, 0.3161 by changing the saturation by 10% instead.

■ 44.7275, 0.3151,
0.3161

■ 44.7275, 0.3151,
0.3161

365.6688, 0.3139,
0.3225

■ 31.2428, 0.3154,
0.3145

■ 82.3113, 0.3147,
0.3184

■ 20.7838, 0.3157,
0.3124

107.1793, 0.3145,
0.3193

■ 12.9661, 0.3162,
0.3097

136.6105, 0.3144,
0.3201

■ 7.4052, 0.3169,
0.3059

170.9894, 0.3143,
0.3207

■ 3.7168, 0.3178,
0.3002

210.7002, 0.3142,
0.3213

■ 1.5164, 0.3194,
0.2907

256.1275, 0.3141,

■ 0.3002, 0.3316,

0.3217

0.2290

307.6555, 0.3140,
0.3222

0.0000, 0.0000,
0.0000

44.7275, 0.3151,
0.3161

44.7275, 0.3151,
0.3161

37.8151, 0.3193,
0.2954

52.6551, 0.3115,
0.3360

31.8707, 0.3240,
0.2743

61.6309, 0.3084,
0.3547

26.8524, 0.3293,
0.2535

71.6935, 0.3057,
0.3722

22.7127, 0.3351,
0.2337

82.8781, 0.3035,
0.3883

19.3998, 0.3412,
0.2159

86.2933, 0.3017,
0.3899

■ 16.8567, 0.3477,
0.2010

■ 86.4427, 0.3000,
0.3863

■ 15.0190, 0.3542,
0.1899

■ 86.5952, 0.2984,
0.3826

■ 13.8120, 0.3605,
0.1832

■ 86.7507, 0.2967,
0.3790

■ 13.1369, 0.3665,
0.1808

■ 86.9092, 0.2950,
0.3753

Harmonies

Analogous

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



44.7275, 0.3051, 0.3123



44.7275, 0.3151, 0.3161



44.7275, 0.3246, 0.3232

Triad

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



44.7275, 0.3151, 0.3161



44.7275, 0.3284, 0.3454



44.7275, 0.2948, 0.3256

Complementary

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



44.7275, 0.3151, 0.3161



47.8418, 0.3104, 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.



44.7275, 0.3009, 0.3348



44.7275, 0.3151, 0.3161



44.7275, 0.3202, 0.3463

Square

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



44.7275, 0.3151, 0.3161



44.7275, 0.3323, 0.3401



44.7275, 0.3101, 0.3425



44.7275, 0.2935, 0.3176

Rectangle

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



44.7275, 0.3151, 0.3161



44.7275, 0.3293, 0.3290



44.7275, 0.3101, 0.3425



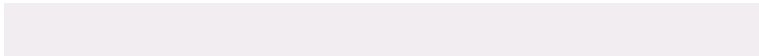
44.7275, 0.2964, 0.3287

Sweetspot

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



44.7294, 0.3151, 0.3161



86.1016, 0.3134, 0.3250



43.5942, 0.3048, 0.3131



18.9931, 0.3134, 0.3252



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.



44.7294, 0.3151, 0.3161



77.8588, 0.3158, 0.3126



44.4814, 0.3201, 0.3238



9.6680, 0.3163, 0.3101



8.9315, 0.3680, 0.1801



0.3573, 0.3549, 0.1729

Inverse Universe

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



44.7294, 0.3151, 0.3161



77.8588, 0.3158, 0.3126



48.0864, 0.3059, 0.3343



9.6680, 0.3163, 0.3101



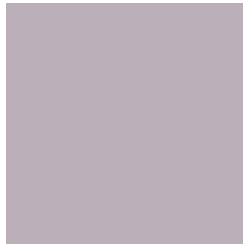
8.9315, 0.3680, 0.1801



0.3573, 0.3549, 0.1729

Previews

White Background



This preview shows how the Yxy color 44.7275, 0.3151, 0.3161 looks on a white background.

Color Contrast Check

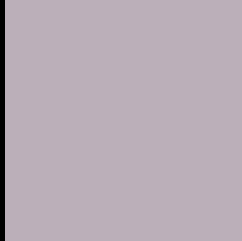
Large Text (above 18pt) WCAG AA × Fail

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 44.7275, 0.3151, 0.3161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

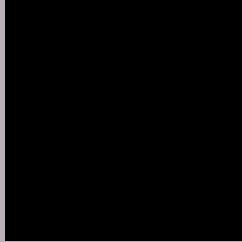
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

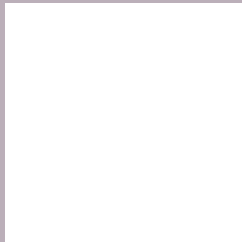
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.7275, 0.3151, 0.3161

Background



This preview shows how black text looks on a background with the Yxy color 44.7275, 0.3151, 0.3161.



This preview shows how white text looks on a background with the Yxy color 44.7275, 0.3151, 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

44.7275, 0.3151, 0.3161

Protanopia

44.5732, 0.3072, 0.3172

Deuteranopia

44.7274, 0.3206, 0.3138



Tritanopia

44.5943, 0.3136, 0.3111

Trichromacy



Original Color

44.7275, 0.3151, 0.3161

Protanomaly

44.5409, 0.3099, 0.3160

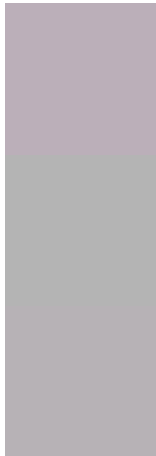
Deuteranomaly

44.8513, 0.3187, 0.3150

Tritanomaly

44.5513, 0.3144, 0.3123

Monochromacy



Original Color

44.7275, 0.3151, 0.3161

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

45.2855, 0.3138, 0.3238

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.7275, 0.3151, 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(187, 175, 185)` looks like.

```
.text, #text, p{  
    color:rgb(187, 175, 185)  
}
```

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(187, 175, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 175, 185) }
```

Border

The CSS property to change the border of an element to Yxy 44.7275, 0.3151, 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(187, 175, 185) }
```

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

```
.border{ border-color:rgb(187, 175, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 175, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 175, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 175, 185);  
box-shadow:4px 4px 4px 4px rgb(187, 175,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 44.7275, 0.3151, 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(187, 175, 185) }
```

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

```
.background{ background-color: rgb(187,  
175, 185) }
```

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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