

Converting Colors

$Y_{xy}(46.8870, 0.3140, 0.3148)$

Have a look what the booklet for
Yxy(46.8870, 0.3140, 0.3148)
contains.

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Color

Yxy(47.0343, 0.3142, 0.3151)

Conversions

Conversions Part 1

Format	Color
Hex	BFB3BE
RGB	191, 179, 190
RGB Percent	75%, 70%, 75%
CMY	0.2510, 0.2980, 0.2548
CMYK	0.00, 0.06, 0.01, 0.25
HSL	305°, 9%, 73%
HSV	305°, 6%, 75%
XYZ	46.9000, 47.0343, 55.3336
YIQ	183.8420, 3.6210, 5.9650

Conversions

Conversions Part 2

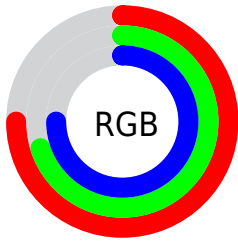
Format	Color
R _Y B	191, 179, 190
Decimal	12563390
CIE Lab	74.21, 6.26, -4.07
CIE LCh	74, 7.467, 327.016
Yxy	47.0343, 0.3142, 0.3151
Android (android.graphics.Color)	4290753470 (0xFFBFB3BE)
YUV	183.8420, 3.0359, 6.2776
Hunter-Lab	68.5816, 2.0507, 0.1702

Details

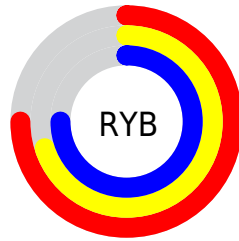
The Yxy color $47.0343, 0.3142, 0.3151$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $50.1360, 0.3113, 0.3433$, and the grayscale version is $47.8234, 0.3127, 0.3290$.

A 20% lighter version of the original color is $85.8446, 0.3139, 0.3181$, and $22.1311, 0.3148, 0.3102$ is the 20% darker color. If you saturate the color by 10%, you get $39.8360, 0.3168, 0.2923$, and if you desaturate by 10%, it is $55.2978, 0.3119, 0.3371$.

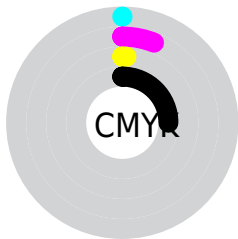
Distribution



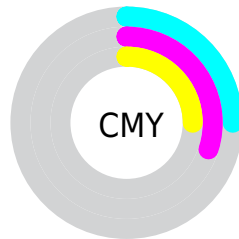
- Red (75%)
- Green (70%)
- Blue (75%)



- Red (75%)
- Yellow (70%)
- Blue (75%)



- Cyan (0%)
- Magenta (6%)
- Yellow (1%)
- Black (25%)




- Cyan (25%)
- Magenta (30%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.0343, 0.3142, 0.3151 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 47.0343, 0.3142, 0.3151 by changing the saturation by 10% instead.

 47.0343, 0.3142,
0.3151

 47.0343, 0.3142,
0.3151


374.9514, 0.3135,
0.3220

 33.0628, 0.3144,
0.3134


 85.7648, 0.3140,
0.3176

 22.1745, 0.3146,
0.3112


111.2926, 0.3139,
0.3185

 13.9852, 0.3148,
0.3084


141.4413, 0.3138,
0.3193

 8.1104, 0.3152,
0.3044

176.5952, 0.3137,
0.3200

 4.1657, 0.3157,
0.2986

217.1388, 0.3136,
0.3206

 1.7667, 0.3164,
0.2891

263.4564, 0.3136,

 0.4663, 0.3215,

0.3211

0.2515

315.9325, 0.3135,
0.3216

0.0000, 0.0000,
0.0000

47.0343, 0.3142,
0.3151

47.0343, 0.3142,
0.3151

39.8360, 0.3168,
0.2923

55.2978, 0.3119,
0.3371

33.6533, 0.3196,
0.2693

64.6611, 0.3098,
0.3579

28.4421, 0.3227,
0.2467

75.1650, 0.3081,
0.3773

24.1525, 0.3259,
0.2254

86.5895, 0.3065,
0.3948

20.7301, 0.3293,
0.2063

86.6602, 0.3057,
0.3930

■ 18.1149, 0.3326,
0.1903

■ 86.7317, 0.3048,
0.3912

■ 16.2393, 0.3357,
0.1782

■ 86.8039, 0.3040,
0.3894

■ 15.0247, 0.3387,
0.1704

■ 86.8768, 0.3032,
0.3876

■ 14.3693, 0.3414,
0.1668

■ 86.9505, 0.3023,
0.3859

Harmonies

Analogous

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



47.0343, 0.3039, 0.3115



47.0343, 0.3142, 0.3151



47.0343, 0.3242, 0.3222

Triad

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



47.0343, 0.3142, 0.3151



47.0343, 0.3295, 0.3457



47.0343, 0.2945, 0.3264

Complementary

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



47.0343, 0.3142, 0.3151



50.1360, 0.3113, 0.3433

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.



47.0343, 0.3012, 0.3359



47.0343, 0.3142, 0.3151



47.0343, 0.3214, 0.3471

Square

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



47.0343, 0.3142, 0.3151



47.0343, 0.3332, 0.3398



47.0343, 0.3110, 0.3435



47.0343, 0.2927, 0.3178

Rectangle

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



47.0343, 0.3142, 0.3151



47.0343, 0.3294, 0.3282



47.0343, 0.3110, 0.3435



47.0343, 0.2963, 0.3296

Sweetspot

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



47.0363, 0.3142, 0.3151



90.2946, 0.3132, 0.3245



45.6836, 0.3039, 0.3134



19.8605, 0.3132, 0.3248



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.



47.0363, 0.3142, 0.3151



81.7225, 0.3147, 0.3109



46.7867, 0.3189, 0.3224



9.6826, 0.3150, 0.3082



9.3336, 0.3421, 0.1658



0.3696, 0.3364, 0.1627

Inverse Universe

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



47.0363, 0.3142, 0.3151



81.7225, 0.3147, 0.3109



50.3783, 0.3069, 0.3357



9.6826, 0.3150, 0.3082



9.3336, 0.3421, 0.1658



0.3696, 0.3364, 0.1627

Previews

White Background



This preview shows how the Yxy color 47.0343, 0.3142, 0.3151 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 47.0343, 0.3142, 0.3151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

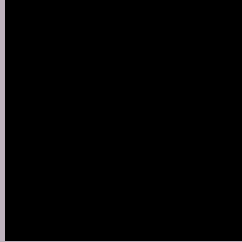
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.0343, 0.3142, 0.3151

Background



This preview shows how black text looks on a background with the Yxy color 47.0343, 0.3142, 0.3151.



This preview shows how white text looks on a background with the Yxy color 47.0343, 0.3142, 0.3151.

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

47.0343, 0.3142, 0.3151

Protanopia

46.8766, 0.3066, 0.3161

Deuteranopia

47.0323, 0.3196, 0.3128



Tritanopia

47.1668, 0.3118, 0.3114

Trichromacy



Original Color

47.0343, 0.3142, 0.3151

Protanomaly

46.8432, 0.3091, 0.3150

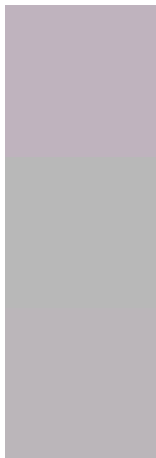
Deuteranomaly

47.1606, 0.3177, 0.3140

Tritanomaly

47.1223, 0.3126, 0.3126

Monochromacy



Original Color

47.0343, 0.3142, 0.3151

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

47.5659, 0.3138, 0.3239

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.0343, 0.3142, 0.3151 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(191, 179, 190)` looks like.

```
.text, #text, p{  
    color:rgb(191, 179, 190)  
}
```

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(191, 179, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 179, 190) }
```

Border

The CSS property to change the border of an element to Yxy 47.0343, 0.3142, 0.3151 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(191, 179, 190) }
```

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

```
.border{ border-color:rgb(191, 179, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 179, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 179, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 179, 190);  
box-shadow:4px 4px 4px 4px rgb(191, 179,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 47.0343, 0.3142, 0.3151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 179, 190) }
```

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

```
.background{ background-color: rgb(191,  
179, 190) }
```

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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