

Converting Colors

$Yxy(42.3713, 0.3141, 0.3093)$

Have a look what the booklet for
Yxy(42.3713, 0.3141, 0.3093)
contains.

Yxy(42.1930, 0.3137, 0.3081)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(42.1930, 0.3137, 0.3081)

Conversions

Conversions Part 1

Format	Color
Hex	B9A9B9
RGB	185, 169, 185
RGB Percent	73%, 66%, 73%
CMY	0.2744, 0.3373, 0.2744
CMYK	0.00, 0.09, 0.00, 0.27
HSL	300°, 10%, 69%
HSV	300°, 9%, 73%
XYZ	42.9599, 42.1930, 51.7929
YIQ	175.6080, 4.4000, 8.3680

Conversions

Conversions Part 2

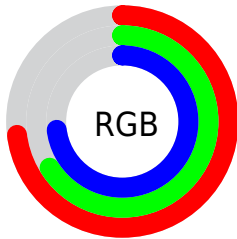
Format	Color
RYB	185, 169, 185
Decimal	12167609
CIELab	71.00, 8.70, -6.12
CIELCh	71, 10.636, 324.895
Yxy	42.1930, 0.3137, 0.3081
Android (android.graphics.Color)	4290357689 (0xFFB9A9B9)
YUV	175.6080, 4.6303, 8.2368
Hunter-Lab	64.9561, 4.3809, -1.8057

Details

The Yxy color $42.1930, 0.3137, 0.3081$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $46.0092, 0.3117, 0.3508$, and the grayscale version is $43.1784, 0.3127, 0.3290$.

A 20% lighter version of the original color is $78.3630, 0.3135, 0.3118$, and $19.2941, 0.3140, 0.3023$ is the 20% darker color. If you saturate the color by 10%, you get $35.7908, 0.3149, 0.2834$, and if you desaturate by 10%, it is $49.5731, 0.3126, 0.3321$.

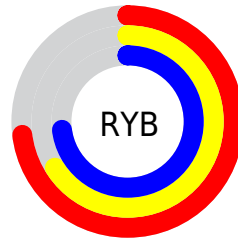
Distribution



Red (73%)

Green (66%)

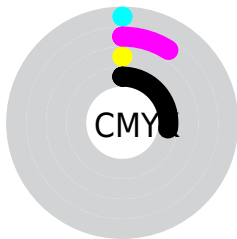
Blue (73%)



Red (73%)

Yellow (66%)

Blue (73%)

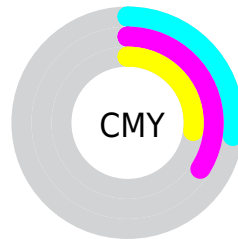


Cyan (0%)

Magenta (9%)

Yellow (0%)

Black (27%)



Cyan (27%)


Magenta (34%)


Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.1930, 0.3137, 0.3081 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 42.1930, 0.3137, 0.3081 by changing the saturation by 10% instead.


 42.1930, 0.3137,
0.3081


 42.1930, 0.3137,
0.3081

355.2824, 0.3133,
0.3186

 29.2524, 0.3138,
0.3055


 78.4916, 0.3136,
0.3119

 19.2719, 0.3139,
0.3021


 102.6185, 0.3135,
0.3133

 11.8669, 0.3140,
0.2976


131.2429, 0.3135,
0.3145

 6.6531, 0.3141,
0.2913


164.7493, 0.3134,
0.3156

 3.2461, 0.3142,
0.2819

203.5221, 0.3134,
0.3165

 1.2615, 0.3141,
0.2662

247.9456, 0.3133,

 0.1111, 0.3253,

0.3173

0.1137

298.4042, 0.3133,
0.3180

0.0000, 0.0000,
0.0000

42.1930, 0.3137,
0.3081

42.1930, 0.3137,
0.3081

35.7908, 0.3149,
0.2834

49.5731, 0.3126,
0.3321

30.3202, 0.3160,
0.2588

57.9639, 0.3115,
0.3551

25.7396, 0.3171,
0.2350

67.4035, 0.3105,
0.3766

22.0020, 0.3182,
0.2130

77.9262, 0.3095,
0.3965

19.0558, 0.3191,
0.1937

85.3429, 0.3090,
0.4086

■ 16.8443, 0.3198,
0.1779

■ 85.3431, 0.3090,
0.4086

■ 15.3028, 0.3204,
0.1661

■ 85.3433, 0.3090,
0.4086

■ 14.3556, 0.3208,
0.1586

■ 85.3435, 0.3090,
0.4086

■ 13.8738, 0.3210,
0.1546

■ 85.3437, 0.3090,
0.4086

Harmonies

Analogous

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



42.1930, 0.2987, 0.3032



42.1930, 0.3137, 0.3081



42.1930, 0.3288, 0.3182

Triad

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



42.1930, 0.3137, 0.3081



42.1930, 0.3382, 0.3531



42.1930, 0.2865, 0.3259

Complementary

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



42.1930, 0.3137, 0.3081



46.0092, 0.3117, 0.3508

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.



42.1930, 0.2966, 0.3401



42.1930, 0.3137, 0.3081



42.1930, 0.3264, 0.3560

Square

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



42.1930, 0.3137, 0.3081



42.1930, 0.3431, 0.3439



42.1930, 0.3112, 0.3513



42.1930, 0.2832, 0.3131

Rectangle

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



42.1930, 0.3137, 0.3081



42.1930, 0.3367, 0.3267



42.1930, 0.3112, 0.3513



42.1930, 0.2892, 0.3307

Sweetspot

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



42.1948, 0.3137, 0.3081



82.7464, 0.3131, 0.3217



40.3110, 0.2995, 0.3071



17.6090, 0.3131, 0.3198



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



42.1948, 0.3137, 0.3081



73.7194, 0.3139, 0.3044



41.8657, 0.3205, 0.3185



9.1627, 0.3138, 0.3065



9.4069, 0.3210, 0.1542



0.3316, 0.3210, 0.1542

Inverse Universe

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



42.1948, 0.3137, 0.3081



73.7194, 0.3139, 0.3044



46.3195, 0.3056, 0.3398



9.1627, 0.3138, 0.3065



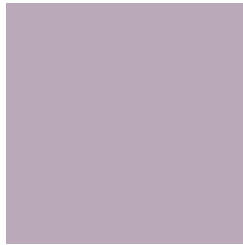
9.4069, 0.3210, 0.1542



0.3316, 0.3210, 0.1542

Previews

White Background



This preview shows how the Yxy color 42.1930, 0.3137, 0.3081 looks on a white background.

Color Contrast Check

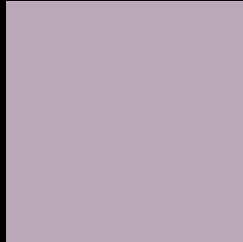
Large Text (above 18pt) WCAG AA × Fail

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 42.1930, 0.3137, 0.3081 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

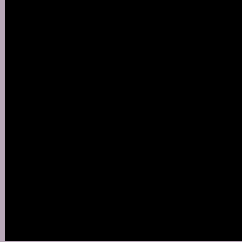
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.1930, 0.3137, 0.3081

Background



This preview shows how black text looks on a background with the Yxy color 42.1930, 0.3137, 0.3081.



This preview shows how white text looks on a background with the Yxy color 42.1930, 0.3137, 0.3081.

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

42.1930, 0.3137, 0.3081

Protanopia

42.3592, 0.3014, 0.3103

Deuteranopia

42.3178, 0.3146, 0.3082



Tritanopia

42.1091, 0.3154, 0.3107

Trichromacy



Original Color

42.1930, 0.3137, 0.3081

Protanomaly

42.3973, 0.3057, 0.3104

Deuteranomaly

42.3178, 0.3146, 0.3082

Tritanomaly

42.1509, 0.3145, 0.3094

Monochromacy



Original Color

42.1930, 0.3137, 0.3081

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

42.7255, 0.3131, 0.3210

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.1930, 0.3137, 0.3081 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(185, 169, 185)` looks like.

```
.text, #text, p{  
    color:rgb(185, 169, 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(185, 169, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 169, 185) }
```

Border

The CSS property to change the border of an element to Yxy 42.1930, 0.3137, 0.3081 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(185, 169, 185) }
```

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

```
.border{ border-color:rgb(185, 169, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 169, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 169, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 169, 185);  
box-shadow:4px 4px 4px 4px rgb(185, 169,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 42.1930, 0.3137, 0.3081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 169, 185) }
```

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

```
.background{ background-color: rgb(185,  
169, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor