

Converting Colors

$Y_{xy}(41.6586, 0.3081, 0.2925)$

Have a look what the booklet for
Yxy(41.6586, 0.3081, 0.2925)
contains.

Yxy(41.7323, 0.3081, 0.2931)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(41.7323, 0.3081, 0.2931)

Conversions

Conversions Part 1

Format	Color
Hex	BBA6C2
RGB	187, 166, 194
RGB Percent	73%, 65%, 76%
CMY	0.2666, 0.3490, 0.2392
CMYK	0.04, 0.14, 0.00, 0.24
HSL	285°, 19%, 71%
HSV	285°, 14%, 76%
XYZ	43.8680, 41.7323, 56.7821
YIQ	175.4710, 3.5280, 13.1600

Conversions

Conversions Part 2

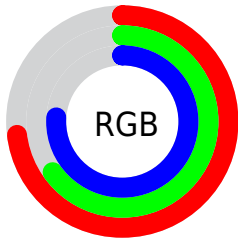
Format	Color
R _Y B	187, 166, 194
Decimal	12297922
CIE Lab	70.69, 12.76, -11.52
CIE LCh	71, 17.191, 317.903
Yxy	41.7323, 0.3081, 0.2931
Android (android.graphics.Color)	4290488002 (0xFFBBA6C2)
YUV	175.4710, 9.1348, 10.1109
Hunter-Lab	64.6005, 8.1623, -6.8939

Details

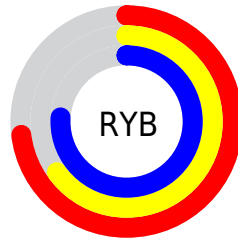
The Yxy color **41.7323, 0.3081, 0.2931** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **50.2216, 0.3166, 0.3663**, and the grayscale version is **43.0781, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.7326, 0.3086, 0.2990**, and **18.9964, 0.3073, 0.2836** is the 20% darker color. If you saturate the color by 10%, you get **34.6035, 0.3041, 0.2668**, and if you desaturate by 10%, it is **49.9492, 0.3114, 0.3183**.

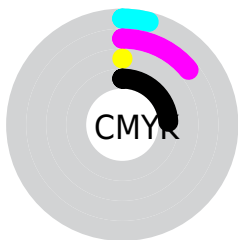
Distribution



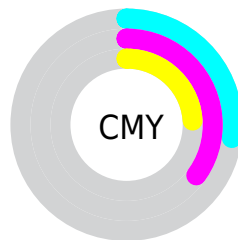
- Red (73%)
- Green (65%)
- Blue (76%)



- Red (73%)
- Yellow (65%)
- Blue (76%)



- Cyan (4%)
- Magenta (14%)
- Yellow (0%)
- Black (24%)




- Cyan (27%)
- Magenta (35%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.7323, 0.3081, 0.2931 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 41.7323, 0.3081, 0.2931 by changing the saturation by 10% instead.


 41.7323, 0.3081,
0.2931

 41.7323, 0.3081,
0.2931


353.3720, 0.3106,
0.3109

 28.8917, 0.3074,
0.2887


 77.7943, 0.3091,
0.2995

 18.9989, 0.3065,
0.2831


 101.7845, 0.3094,
0.3020

 11.6695, 0.3052,
0.2756


130.2601, 0.3097,
0.3040

 6.5191, 0.3032,
0.2653

163.6054, 0.3099,
0.3058

 3.1632, 0.3000,
0.2501

202.2049, 0.3102,
0.3073

 1.2175, 0.2940,
0.2256

246.4429, 0.3103,

 0.0759, 0.2846,

0.3087

0.0563

296.7038, 0.3105,
0.3099

0.0000, 0.0000,
0.0000

41.7323, 0.3081,
0.2931

41.7323, 0.3081,
0.2931

34.6035, 0.3041,
0.2668

49.9492, 0.3114,
0.3183

28.5098, 0.2995,
0.2401

59.2936, 0.3142,
0.3420

23.4017, 0.2941,
0.2138

69.8095, 0.3164,
0.3640

19.2234, 0.2882,
0.1889

81.5367, 0.3181,
0.3841

15.9135, 0.2818,
0.1666

89.3000, 0.3202,
0.3948

■ 13.4033, 0.2752,
0.1478

■ 90.0280, 0.3233,
0.3942

■ 11.6131, 0.2684,
0.1335

■ 90.7777, 0.3264,
0.3935

■ 10.4467, 0.2618,
0.1237

■ 91.5494, 0.3296,
0.3929

■ 9.9625, 0.2582,
0.1196

■ 92.3433, 0.3328,
0.3923

Harmonies

Analogous

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



41.7323, 0.2850, 0.2875



41.7323, 0.3081, 0.2931



41.7323, 0.3333, 0.3073

Triad

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



41.7323, 0.3081, 0.2931



41.7323, 0.3571, 0.3650



41.7323, 0.2734, 0.3290

Complementary

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



41.7323, 0.3081, 0.2931



50.2216, 0.3166, 0.3663

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.



41.7323, 0.2915, 0.3521



41.7323, 0.3081, 0.2931



41.7323, 0.3399, 0.3732

Square

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



41.7323, 0.3081, 0.2931



41.7323, 0.3622, 0.3479



41.7323, 0.3158, 0.3687



41.7323, 0.2656, 0.3070

Rectangle

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



41.7323, 0.3081, 0.2931



41.7323, 0.3477, 0.3201



41.7323, 0.3158, 0.3687



41.7323, 0.2785, 0.3370

Sweetspot

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



41.7341, 0.3081, 0.2931



91.0813, 0.3115, 0.3192



41.8906, 0.2901, 0.3007



19.6791, 0.3113, 0.3173



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.



41.7341, 0.3081, 0.2931



71.7488, 0.3070, 0.2857



42.3310, 0.3204, 0.3023



10.1167, 0.3099, 0.3060



6.5903, 0.2590, 0.1201



0.3156, 0.2735, 0.1280

Inverse Universe

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



41.7602, 0.3328, 0.3200



71.8237, 0.3375, 0.3182



49.7087, 0.3059, 0.3572



10.1183, 0.3251, 0.3233



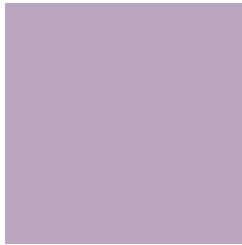
7.6949, 0.5905, 0.3027



0.3440, 0.5251, 0.2667

Previews

White Background



This preview shows how the Yxy color 41.7323, 0.3081, 0.2931 looks on a white background.

Color Contrast Check

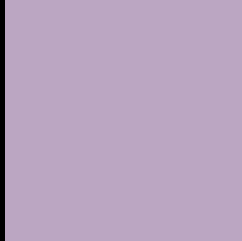
Large Text (above 18pt) WCAG AA × Fail

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 41.7323, 0.3081, 0.2931 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

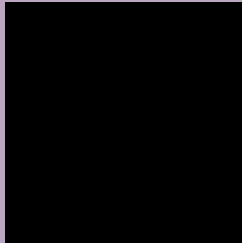
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.7323, 0.3081, 0.2931

Background



This preview shows how black text looks on a background with the Yxy color 41.7323, 0.3081, 0.2931.



This preview shows how white text looks on a background with the Yxy color 41.7323, 0.3081, 0.2931.

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

41.7323, 0.3081, 0.2931

Protanopia

42.0173, 0.2895, 0.2945

Deuteranopia

41.6036, 0.3019, 0.2951



Tritanopia

41.6557, 0.3172, 0.3120

Trichromacy



Original Color

41.7323, 0.3081, 0.2931

Protanomaly

42.0108, 0.2961, 0.2936

Deuteranomaly

41.5998, 0.3045, 0.2940

Tritanomaly

41.6217, 0.3139, 0.3043

Monochromacy



Original Color

41.7323, 0.3081, 0.2931

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.4662, 0.3107, 0.3157

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.7323, 0.3081, 0.2931 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, 166, 194)` looks like.

```
.text, #text, p{  
    color:rgb(187, 166, 194)  
}
```

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, 166, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 166, 194) }
```

Border

The CSS property to change the border of an element to Yxy 41.7323, 0.3081, 0.2931 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, 166, 194) }
```

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

```
.border{ border-color:rgb(187, 166, 194) }
```

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

Here you see how a box with a 4 pixel rgb(187, 166, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 166, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 166, 194);  
box-shadow:4px 4px 4px 4px rgb(187, 166,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 41.7323, 0.3081, 0.2931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 166, 194) }
```

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

```
.background{ background-color: rgb(187,  
166, 194) }
```

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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