

Converting Colors

Yxy(41.6624, 0.2922, 0.2944)

Have a look what the booklet for
Yxy(41.6624, 0.2922, 0.2944)
contains.

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Color

Yxy(41.8150, 0.2919, 0.2946)

Conversions

Conversions Part 1

Format	Color
Hex	ABABC5
RGB	171, 171, 197
RGB Percent	67%, 67%, 77%
CMY	0.3294, 0.3294, 0.2276
CMYK	0.13, 0.13, 0.00, 0.23
HSL	240°, 18%, 72%
HSV	240°, 13%, 77%
XYZ	41.4318, 41.8150, 58.6915
YIQ	173.9640, -8.3460, 8.0860

Conversions

Conversions Part 2

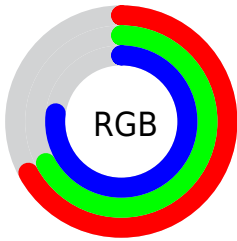
Format	Color
RYB	171, 171, 197
Decimal	11250629
CIELab	70.74, 5.22, -13.21
CIELCh	71, 14.204, 291.560
Yxy	41.8150, 0.2919, 0.2946
Android (android.graphics.Color)	4289440709 (0xFFABABC5)
YUV	173.9640, 11.3567, -2.5994
Hunter-Lab	64.6645, 1.2054, -8.5482

Details

The Yxy color $41.8150, 0.2919, 0.2946$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $54.7188, 0.3322, 0.3612$, and the grayscale version is $42.2518, 0.3127, 0.3290$.

A 20% lighter version of the original color is $77.7172, 0.2953, 0.3002$, and $19.0988, 0.2863, 0.2854$ is the 20% darker color. If you saturate the color by 10%, you get $32.8749, 0.2737, 0.2646$, and if you desaturate by 10%, it is $52.1959, 0.3080, 0.3212$.

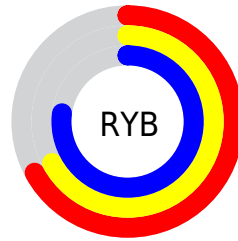
Distribution



Red (67%)

Green (67%)

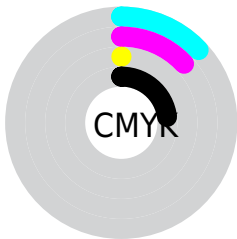
Blue (77%)



Red (67%)

Yellow (67%)

Blue (77%)

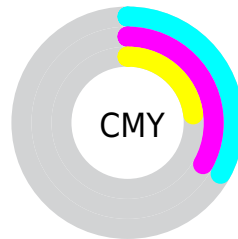


Cyan (13%)

Magenta (13%)

Yellow (0%)

Black (23%)



Cyan (33%)

Magenta (33%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.8150, 0.2919, 0.2946 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 41.8150, 0.2919, 0.2946 by changing the saturation by 10% instead.

■ 41.8150, 0.2919,
0.2946

■ 41.8150, 0.2919,
0.2946

353.7155, 0.3025,
0.3118

■ 28.9565, 0.2892,
0.2903

■ 77.9196, 0.2958,
0.3009

■ 19.0479, 0.2857,
0.2848

101.9344, 0.2973,
0.3032

■ 11.7049, 0.2809,
0.2774

130.4367, 0.2985,
0.3052

■ 6.5431, 0.2742,
0.2672

163.8110, 0.2995,
0.3069

■ 3.1780, 0.2639,
0.2519

202.4416, 0.3004,
0.3084

■ 1.2254, 0.2465,
0.2271

246.7130, 0.3012,

■ 0.0823, 0.1579,

0.3097

0.0632

297.0095, 0.3019,
0.3108

■ 0.0000, 0.0000,
0.0000

■ 41.8150, 0.2919,
0.2946

■ 41.8150, 0.2919,
0.2946

■ 32.8749, 0.2737,
0.2646

■ 52.1959, 0.3080,
0.3212

■ 25.3071, 0.2538,
0.2316

■ 64.0717, 0.3221,
0.3445

■ 19.0453, 0.2326,
0.1966

■ 77.5003, 0.3343,
0.3646

■ 14.0155, 0.2112,
0.1613

■ 92.5348, 0.3447,
0.3819

■ 10.1366, 0.1911,
0.1279

■ 96.8098, 0.3472,
0.3860

■ 7.3176, 0.1738,
0.0993

■ 5.4539, 0.1608,
0.0779

■ 4.4197, 0.1531,
0.0651

■ 4.0319, 0.1500,
0.0600

Harmonies

Analogous

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



41.8150, 0.2782, 0.2976



41.8150, 0.2919, 0.2946



41.8150, 0.3116, 0.3002

Triad

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



41.8150, 0.2919, 0.2946



41.8150, 0.3536, 0.3469



41.8150, 0.2931, 0.3459

Complementary

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



41.8150, 0.2919, 0.2946



54.7188, 0.3322, 0.3612

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.



41.8150, 0.3128, 0.3603



41.8150, 0.2919, 0.2946



41.8150, 0.3481, 0.3602

Square

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



41.8150, 0.2919, 0.2946



41.8150, 0.3477, 0.3296



41.8150, 0.3330, 0.3655



41.8150, 0.2788, 0.3268

Rectangle

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



41.8150, 0.2919, 0.2946



41.8150, 0.3255, 0.3080



41.8150, 0.3330, 0.3655



41.8150, 0.2993, 0.3515

Sweetspot

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



41.8167, 0.2919, 0.2946



91.7835, 0.3067, 0.3190



52.5860, 0.2931, 0.3295



19.3253, 0.3055, 0.3171



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.



41.8167, 0.2919, 0.2946



69.7510, 0.2866, 0.2858



43.2892, 0.3025, 0.2957



10.2883, 0.2983, 0.3051



2.6533, 0.1500, 0.0600



0.1259, 0.1501, 0.0602

Inverse Universe

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



43.9313, 0.3365, 0.3291



74.3207, 0.3432, 0.3291



53.1003, 0.3219, 0.3623



10.6370, 0.3289, 0.3290



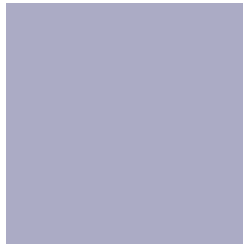
7.8078, 0.6400, 0.3299



0.3697, 0.6398, 0.3298

Previews

White Background



This preview shows how the Yxy color 41.8150, 0.2919, 0.2946 looks on a white background.

Color Contrast Check

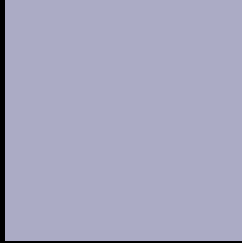
Large Text (above 18pt) WCAG AA × Fail

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 41.8150, 0.2919, 0.2946 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

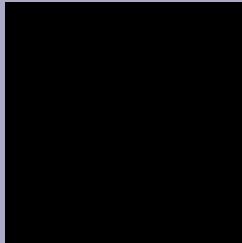
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

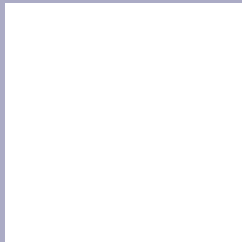
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.8150, 0.2919, 0.2946

Background



This preview shows how black text looks on a background with the Yxy color 41.8150, 0.2919, 0.2946.



This preview shows how white text looks on a background with the Yxy color 41.8150, 0.2919, 0.2946.

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

41.8150, 0.2919, 0.2946

Protanopia

41.9713, 0.2903, 0.2957

Deuteranopia

41.8721, 0.2978, 0.2925



Tritanopia

41.8673, 0.2988, 0.3114

Trichromacy



Original Color

41.8150, 0.2919, 0.2946

Protanomaly

42.0823, 0.2911, 0.2958

Deuteranomaly

41.8946, 0.2952, 0.2936

Tritanomaly

41.7688, 0.2965, 0.3048

Monochromacy



Original Color

41.8150, 0.2919, 0.2946

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

42.1488, 0.3054, 0.3169

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.8150, 0.2919, 0.2946 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(171, 171, 197)` looks like.

```
.text, #text, p{  
    color:rgb(171, 171, 197)  
}
```

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(171, 171, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 171, 197) }
```

Border

The CSS property to change the border of an element to Yxy 41.8150, 0.2919, 0.2946 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(171, 171, 197) }
```

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

```
.border{ border-color:rgb(171, 171, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 171, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 171, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 171, 197);  
box-shadow:4px 4px 4px 4px rgb(171, 171,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 41.8150, 0.2919, 0.2946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 171, 197) }
```

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

```
.background{ background-color: rgb(171,  
171, 197) }
```

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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