

Converting Colors

Yxy(41.9439, 0.3106, 0.3186)

Have a look what the booklet for
Yxy(41.9439, 0.3106, 0.3186)
contains.

Yxy(42.1068, 0.3114, 0.3196)	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(42.1068, 0.3114, 0.3196)

Conversions

Conversions Part 1

Format	Color
Hex	B1ACB3
RGB	177, 172, 179
RGB Percent	69%, 67%, 70%
CMY	0.3058, 0.3255, 0.2980
CMYK	0.01, 0.04, 0.00, 0.30
HSL	283°, 4%, 69%
HSV	283°, 4%, 70%
XYZ	41.0265, 42.1068, 48.6152
YIQ	174.2930, 0.7330, 3.2370

Conversions

Conversions Part 2

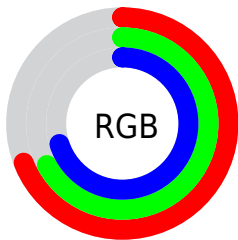
Format	Color
RYB	177, 172, 179
Decimal	11644083
CIELab	70.94, 3.11, -2.96
CIELCh	71, 4.293, 316.450
Yxy	42.1068, 0.3114, 0.3196
Android (android.graphics.Color)	4289834163 (0xFFB1ACB3)
YUV	174.2930, 2.3206, 2.3740
Hunter-Lab	64.8898, -0.7007, 1.0030

Details

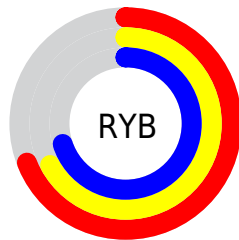
The Yxy color $42.1068, 0.3114, 0.3196$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $44.2154, 0.3140, 0.3385$, and the grayscale version is $42.4766, 0.3127, 0.3290$.

A 20% lighter version of the original color is $78.2600, 0.3117, 0.3207$, and $19.2244, 0.3108, 0.3179$ is the 20% darker color. If you saturate the color by 10%, you get $35.1675, 0.3076, 0.2946$, and if you desaturate by 10%, it is $49.9893, 0.3146, 0.3431$.

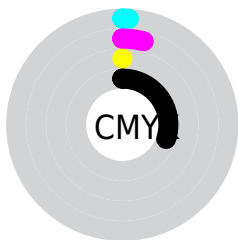
Distribution



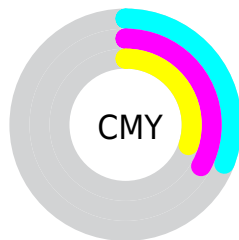
- Red (69%)
- Green (67%)
- Blue (70%)



- Red (69%)
- Yellow (67%)
- Blue (70%)



- Cyan (1%)
- Magenta (4%)
- Yellow (0%)
- Black (30%)



- Cyan (31%)
- Magenta (33%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.1068, 0.3114, 0.3196 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 42.1068, 0.3114, 0.3196 by changing the saturation by 10% instead.

■ 42.1068, 0.3114,
0.3196

■ 42.1068, 0.3114,
0.3196

354.9255, 0.3121,
0.3244

■ 29.1849, 0.3112,
0.3184

■ 78.3612, 0.3117,
0.3213

■ 19.2208, 0.3110,
0.3168

102.4626, 0.3117,
0.3220

■ 11.8299, 0.3107,
0.3147

131.0592, 0.3118,
0.3225

■ 6.6280, 0.3102,
0.3118

164.5355, 0.3119,
0.3230

■ 3.2305, 0.3095,
0.3072

203.2759, 0.3120,
0.3234

■ 1.2532, 0.3081,
0.2995

247.6648, 0.3120,

■ 0.1046, 0.2920,

0.3238

0.1741

298.0865, 0.3120,
0.3241

■ 0.0000, 0.0000,
0.0000

■ 42.1068, 0.3114,
0.3196

■ 42.1068, 0.3114,
0.3196

■ 35.1675, 0.3076,
0.2946

■ 49.9893, 0.3146,
0.3431

■ 29.1292, 0.3030,
0.2683

■ 58.8443, 0.3171,
0.3648

■ 23.9549, 0.2977,
0.2415

■ 68.7063, 0.3192,
0.3846

■ 19.6023, 0.2917,
0.2148

■ 79.6066, 0.3208,
0.4026

■ 16.0260, 0.2850,
0.1894

■ 87.3599, 0.3229,
0.4129

■ 13.1759, 0.2778,
0.1663

■ 88.0746, 0.3261,
0.4120

■ 10.9959, 0.2703,
0.1467

■ 88.8124, 0.3293,
0.4112

■ 9.4215, 0.2627,
0.1313

■ 89.5736, 0.3326,
0.4103

■ 8.3752, 0.2553,
0.1206

■ 90.3583, 0.3359,
0.4095

Harmonies

Analogous

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



42.1068, 0.3056, 0.3184



42.1068, 0.3114, 0.3196



42.1068, 0.3176, 0.3233

Triad

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



42.1068, 0.3114, 0.3196



42.1068, 0.3239, 0.3380



42.1068, 0.3030, 0.3295

Complementary

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



42.1068, 0.3114, 0.3196



44.2154, 0.3140, 0.3385

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.



42.1068, 0.3078, 0.3349



42.1068, 0.3114, 0.3196



42.1068, 0.3198, 0.3398

Square

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



42.1068, 0.3114, 0.3196



42.1068, 0.3249, 0.3338



42.1068, 0.3140, 0.3387



42.1068, 0.3007, 0.3240

Rectangle

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



42.1068, 0.3114, 0.3196



42.1068, 0.3212, 0.3266



42.1068, 0.3140, 0.3387



42.1068, 0.3043, 0.3314

Sweetspot

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



42.1086, 0.3114, 0.3196



79.3274, 0.3124, 0.3266



42.2894, 0.3069, 0.3222



17.5913, 0.3124, 0.3267



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



42.1086, 0.3114, 0.3196



73.8737, 0.3110, 0.3168



42.2808, 0.3144, 0.3217



9.1121, 0.3108, 0.3155



5.6131, 0.2517, 0.1160



0.2042, 0.2719, 0.1272

Inverse Universe

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



42.1417, 0.3174, 0.3264



73.9519, 0.3188, 0.3256



44.0494, 0.3111, 0.3364



9.1229, 0.3195, 0.3252



6.9469, 0.5792, 0.2964



0.2288, 0.4987, 0.2521

Previews

White Background



This preview shows how the Yxy color 42.1068, 0.3114, 0.3196 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 42.1068, 0.3114, 0.3196 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

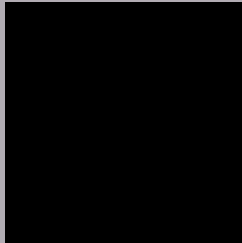
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.1068, 0.3114, 0.3196

Background



This preview shows how black text looks on a background with the Yxy color 42.1068, 0.3114, 0.3196.

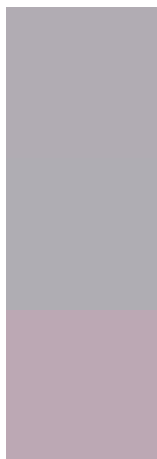


This preview shows how white text looks on a background with the Yxy color 42.1068, 0.3114, 0.3196.

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

42.1068, 0.3114, 0.3196

Protanopia

42.2558, 0.3096, 0.3209

Deuteranopia

41.9919, 0.3208, 0.3134



Tritanopia

42.0936, 0.3074, 0.3104

Trichromacy



Original Color

42.1068, 0.3114, 0.3196

Protanomaly

42.3719, 0.3104, 0.3209

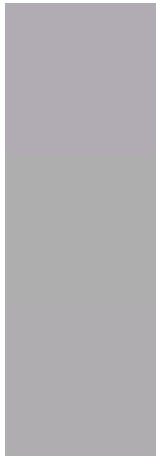
Deuteranomaly

41.8616, 0.3170, 0.3145

Tritanomaly

42.0097, 0.3090, 0.3130

Monochromacy



Original Color

42.1068, 0.3114, 0.3196

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

42.1357, 0.3120, 0.3249

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.1068, 0.3114, 0.3196 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(177, 172, 179)` looks like.

```
.text, #text, p{  
    color:rgb(177, 172, 179)  
}
```

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(177, 172, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 172, 179) }
```

Border

The CSS property to change the border of an element to Yxy 42.1068, 0.3114, 0.3196 is called "border". The border property can be set on classes, ids or directly on the HTML element.

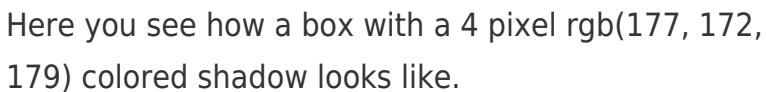
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(177, 172, 179) }
```

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

```
.border{ border-color:rgb(177, 172, 179) }
```

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



Here you see how a box with a 4 pixel `rgb(177, 172, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 172, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 172, 179);  
box-shadow:4px 4px 4px 4px rgb(177, 172,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 42.1068, 0.3114, 0.3196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 172, 179) }
```

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

```
.background{ background-color: rgb(177,  
172, 179) }
```

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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