

Converting Colors

Yxy(42.6534, 0.3054, 0.3138)

Have a look what the booklet for
Yxy(42.6534, 0.3054, 0.3138)
contains.

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Color

Yxy(42.6200, 0.3056, 0.3130)

Conversions

Conversions Part 1

Format	Color
Hex	B0ADB9
RGB	176, 173, 185
RGB Percent	69%, 68%, 73%
CMY	0.3096, 0.3216, 0.2745
CMYK	0.05, 0.06, 0.00, 0.27
HSL	255°, 8%, 70%
HSV	255°, 6%, 73%
XYZ	41.6124, 42.6200, 51.9338
YIQ	175.2650, -2.0640, 4.3680

Conversions

Conversions Part 2

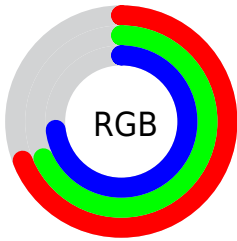
Format	Color
RYB	176, 173, 185
Decimal	11578809
CIELab	71.30, 3.39, -5.75
CIELCh	71, 6.676, 300.475
Yxy	42.6200, 0.3056, 0.3130
Android (android.graphics.Color)	4289768889 (0xFFB0ADB9)
YUV	175.2650, 4.7994, 0.6446
Hunter-Lab	65.2840, -0.4701, -1.4667

Details

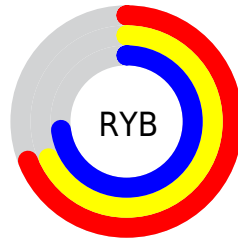
The Yxy color **42.6200, 0.3056, 0.3130** is a light color, and the websafe version is hex **999999**. A complement of this color would be **47.6555, 0.3196, 0.3448**, and the grayscale version is **42.9934, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.9935, 0.3072, 0.3156**, and **19.6258, 0.3040, 0.3089** is the 20% darker color. If you saturate the color by 10%, you get **34.4835, 0.2933, 0.2861**, and if you desaturate by 10%, it is **51.9061, 0.3163, 0.3372**.

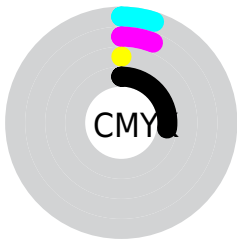
Distribution



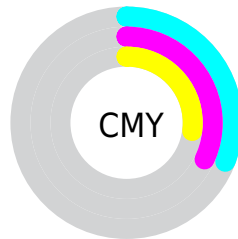
- Red (69%)
- Green (68%)
- Blue (73%)



- Red (69%)
- Yellow (68%)
- Blue (73%)



- Cyan (5%)
- Magenta (6%)
- Yellow (0%)
- Black (27%)



- Cyan (31%)
- Magenta (32%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.6200, 0.3056, 0.3130 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 42.6200, 0.3056, 0.3130 by changing the saturation by 10% instead.

■ 42.6200, 0.3056,
0.3130

■ 42.6200, 0.3056,
0.3130

357.0467, 0.3092,
0.3211

■ 29.5871, 0.3047,
0.3110

■ 79.1371, 0.3069,
0.3159

■ 19.5254, 0.3035,
0.3083

103.3901, 0.3074,
0.3170

■ 12.0505, 0.3018,
0.3048

132.1519, 0.3079,
0.3180

■ 6.7781, 0.2995,
0.2999

165.8069, 0.3082,
0.3188

■ 3.3237, 0.2959,
0.2924

204.7394, 0.3085,
0.3195

■ 1.3030, 0.2896,
0.2798

249.3340, 0.3088,

■ 0.1435, 0.2378,

0.3201

0.1558

299.9749, 0.3090,
0.3206

0.0000, 0.0000,
0.0000

42.6200, 0.3056,
0.3130

42.6200, 0.3056,
0.3130

34.4835, 0.2933,
0.2861

51.9061, 0.3163,
0.3372

27.4461, 0.2792,
0.2567

62.3788, 0.3254,
0.3586

21.4617, 0.2635,
0.2252

74.0802, 0.3332,
0.3775

16.4786, 0.2465,
0.1927

87.0486, 0.3398,
0.3942

12.4410, 0.2287,
0.1604

94.4422, 0.3476,
0.3995

■ 9.2872, 0.2109,
0.1304

■ 96.2830, 0.3544,
0.3979

■ 6.9481, 0.1943,
0.1046

■ 5.3439, 0.1798,
0.0848

■ 4.3700, 0.1683,
0.0719

Harmonies

Analogous

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



42.6200, 0.2980, 0.3134



42.6200, 0.3056, 0.3130



42.6200, 0.3152, 0.3168

Triad

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



42.6200, 0.3056, 0.3130



42.6200, 0.3315, 0.3398



42.6200, 0.3012, 0.3344

Complementary

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



42.6200, 0.3056, 0.3130



47.6555, 0.3196, 0.3448

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.



42.6200, 0.3100, 0.3418



42.6200, 0.3056, 0.3130



42.6200, 0.3276, 0.3448

Square

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



42.6200, 0.3056, 0.3130



42.6200, 0.3303, 0.3320



42.6200, 0.3197, 0.3456



42.6200, 0.2955, 0.3256

Rectangle

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



42.6200, 0.3056, 0.3130



42.6200, 0.3215, 0.3211



42.6200, 0.3197, 0.3456



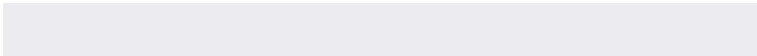
42.6200, 0.3039, 0.3371

Sweetspot

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



42.6218, 0.3056, 0.3130



83.4905, 0.3106, 0.3241



45.8423, 0.3028, 0.3250



18.0367, 0.3107, 0.3244



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.



42.6218, 0.3056, 0.3130



73.8068, 0.3037, 0.3088



43.3318, 0.3108, 0.3133



8.8268, 0.3023, 0.3056



2.8269, 0.1660, 0.0688



0.1301, 0.1944, 0.0844

Inverse Universe

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



43.5738, 0.3160, 0.3173



75.9228, 0.3169, 0.3143



46.9458, 0.3145, 0.3450



9.1227, 0.3175, 0.3121



8.2845, 0.3966, 0.1958



0.3014, 0.3732, 0.1829

Previews

White Background



This preview shows how the Yxy color 42.6200, 0.3056, 0.3130 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 42.6200, 0.3056, 0.3130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

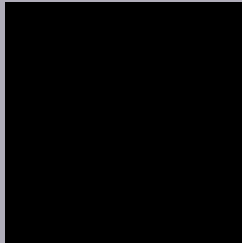
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

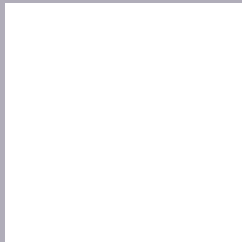
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 42.6200, 0.3056, 0.3130

Background



This preview shows how black text looks on a background with the Yxy color 42.6200, 0.3056, 0.3130.

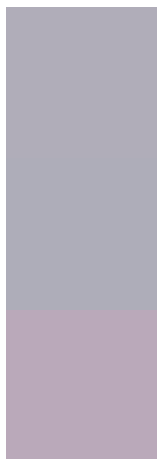


This preview shows how white text looks on a background with the Yxy color 42.6200, 0.3056, 0.3130.

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

42.6200, 0.3056, 0.3130

Protanopia

42.3886, 0.3038, 0.3129

Deuteranopia

42.3602, 0.3138, 0.3069



Tritanopia

42.6624, 0.3048, 0.3117

Trichromacy



Original Color

42.6200, 0.3056, 0.3130

Protanomaly

42.5039, 0.3047, 0.3130

Deuteranomaly

42.2397, 0.3101, 0.3080

Tritanomaly

42.6624, 0.3048, 0.3117

Monochromacy



Original Color

42.6200, 0.3056, 0.3130

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.6407, 0.3095, 0.3223

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.6200, 0.3056, 0.3130 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(176, 173, 185)` looks like.

```
.text, #text, p{  
    color:rgb(176, 173, 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(176, 173, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 173, 185) }
```

Border

The CSS property to change the border of an element to Yxy 42.6200, 0.3056, 0.3130 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(176, 173, 185) }
```

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

```
.border{ border-color:rgb(176, 173, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 173, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 173, 185); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 173, 185); box-shadow:4px 4px 4px 4px rgb(176, 173, 185) }
```


Background

The CSS property to change the background color of an element to Yxy 42.6200, 0.3056, 0.3130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 173, 185) }
```

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

```
.background{ background-color: rgb(176,  
173, 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](#).

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