

Converting Colors

Yxy(52.1394, 0.3064, 0.3299)

Have a look what the booklet for
Yxy(52.1394, 0.3064, 0.3299)
contains.

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Color

Yxy(52.1360, 0.3063, 0.3302)

Conversions

Conversions Part 1

Format	Color
Hex	B8C1C0
RGB	184, 193, 192
RGB Percent	72%, 76%, 75%
CMY	0.2782, 0.2432, 0.2470
CMYK	0.05, 0.00, 0.01, 0.24
HSL	173°, 7%, 74%
HSV	173°, 5%, 76%
XYZ	48.3624, 52.1360, 57.3938
YIQ	190.1950, -5.0430, -2.2190

Conversions

Conversions Part 2

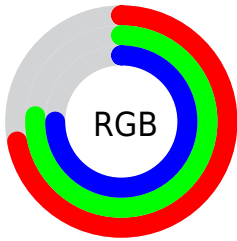
Format	Color
RYB	184, 189, 193
Decimal	12108224
CIELab	77.36, -3.25, -0.59
CIElCh	77, 3.304, 190.287
Yxy	52.1360, 0.3063, 0.3302
Android (android.graphics.Color)	4290298304 (0xFFB8C1C0)
YUV	190.1950, 0.8899, -5.4330
Hunter-Lab	72.2053, -6.8017, 3.4158

Details

The Yxy color **52.1360, 0.3063, 0.3302** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.1428, 0.3195, 0.3278**, and the grayscale version is **51.6137, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.0539, 0.3076, 0.3300**, and **25.4455, 0.3041, 0.3307** is the 20% darker color. If you saturate the color by 10%, you get **49.8222, 0.2929, 0.3330**, and if you desaturate by 10%, it is **54.7807, 0.3203, 0.3277**.

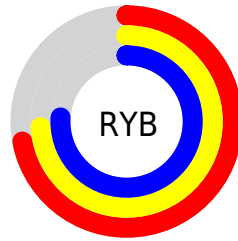
Distribution



Red (72%)

Green (76%)

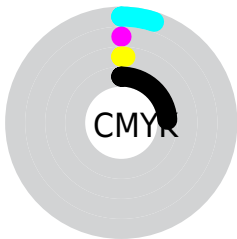
Blue (75%)



Red (72%)

Yellow (74%)

Blue (76%)

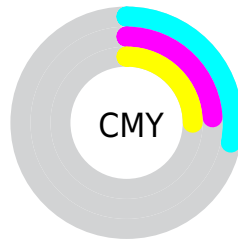


Cyan (5%)

Magenta (0%)

Yellow (1%)

Black (24%)



Cyan (28%)

Magenta (24%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.1360, 0.3063, 0.3302 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 52.1360, 0.3063, 0.3302 by changing the saturation by 10% instead.

■ 52.1360, 0.3063,
0.3302

■ 52.1360, 0.3063,
0.3302

394.9614, 0.3095,
0.3296

■ 37.1135, 0.3055,
0.3303

■ 93.3318, 0.3074,
0.3300

■ 25.2954, 0.3046,
0.3305

120.2738, 0.3079,
0.3299

■ 16.2973, 0.3033,
0.3307

151.9579, 0.3082,
0.3299

■ 9.7347, 0.3015,
0.3311

188.7683, 0.3085,
0.3298

■ 5.2234, 0.2989,
0.3315

231.0894, 0.3088,
0.3297

■ 2.3790, 0.2948,
0.3322

279.3057, 0.3091,

■ 0.8150, 0.2851,

0.3297

0.3342

333.8016, 0.3093,
0.3297

■ 0.0000, 0.0000,
0.0000

■ 52.1360, 0.3063,
0.3302

■ 52.1360, 0.3063,
0.3302

■ 49.8222, 0.2929,
0.3330

■ 54.7807, 0.3203,
0.3277

■ 47.8196, 0.2803,
0.3360

■ 57.7621, 0.3345,
0.3254

■ 46.1164, 0.2687,
0.3393

■ 61.0940, 0.3488,
0.3234

■ 44.6976, 0.2586,
0.3427

■ 63.5830, 0.3579,
0.3215

■ 43.5470, 0.2501,
0.3463

■ 63.6818, 0.3561,
0.3193

■ 42.6464, 0.2433,
0.3500

■ 63.7819, 0.3544,
0.3172

■ 41.9758, 0.2385,
0.3537

■ 63.8834, 0.3527,
0.3150

■ 41.5117, 0.2356,
0.3574

■ 63.9863, 0.3510,
0.3129

■ 41.2258, 0.2344,
0.3611

■ 64.0905, 0.3493,
0.3108

Harmonies

Analogous

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



52.1360, 0.3101, 0.3339



52.1360, 0.3063, 0.3302



52.1360, 0.3043, 0.3262

Triad

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



52.1360, 0.3063, 0.3302



52.1360, 0.3109, 0.3219



52.1360, 0.3210, 0.3350

Complementary

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



52.1360, 0.3063, 0.3302



49.1428, 0.3195, 0.3278

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.



52.1360, 0.3213, 0.3317



52.1360, 0.3063, 0.3302



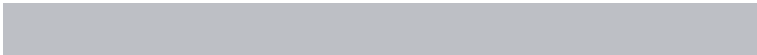
52.1360, 0.3154, 0.3242

Square

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



52.1360, 0.3063, 0.3302



52.1360, 0.3069, 0.3215



52.1360, 0.3192, 0.3278



52.1360, 0.3186, 0.3366

Rectangle

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



52.1360, 0.3063, 0.3302



52.1360, 0.3041, 0.3239



52.1360, 0.3192, 0.3278



52.1360, 0.3214, 0.3340

Sweetspot

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



52.1382, 0.3063, 0.3302



95.0351, 0.3113, 0.3293



51.9238, 0.3130, 0.3403



20.3933, 0.3114, 0.3292



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



52.1382, 0.3063, 0.3302



92.7496, 0.3043, 0.3306



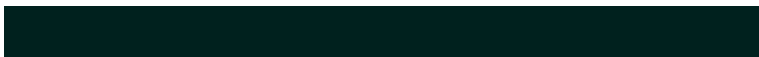
50.6846, 0.3057, 0.3247



11.5580, 0.3037, 0.3307



27.3577, 0.2341, 0.3626



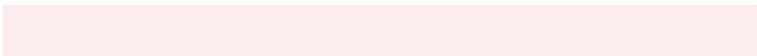
1.1875, 0.2318, 0.3544

Inverse Universe

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



49.1428, 0.3195, 0.3278



85.7555, 0.3218, 0.3274



50.5428, 0.3200, 0.3333



10.6208, 0.3226, 0.3273



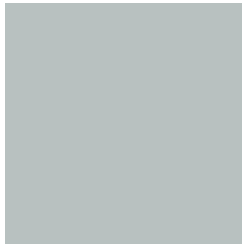
7.5826, 0.6256, 0.3220



0.3337, 0.5826, 0.2983

Previews

White Background



This preview shows how the Yxy color 52.1360, 0.3063, 0.3302 looks on a white background.

Color Contrast Check

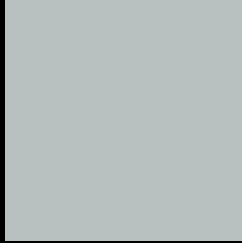
Large Text (above 18pt) WCAG AA × Fail

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 52.1360, 0.3063, 0.3302 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

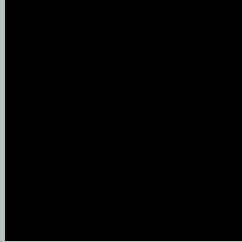
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

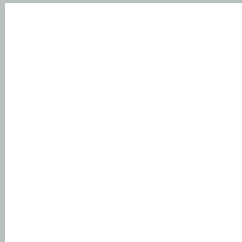
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.1360, 0.3063, 0.3302

Background



This preview shows how black text looks on a background with the Yxy color 52.1360, 0.3063, 0.3302.



This preview shows how white text looks on a background with the Yxy color 52.1360, 0.3063, 0.3302.

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

52.1360, 0.3063, 0.3302

Protanopia

52.0140, 0.3160, 0.3290

Deuteranopia

52.0029, 0.3250, 0.3183



Tritanopia

52.1569, 0.2977, 0.3105

Trichromacy



Original Color

52.1360, 0.3063, 0.3302

Protanomaly

51.9703, 0.3119, 0.3290

Deuteranomaly

51.9588, 0.3180, 0.3229

Tritanomaly

52.2306, 0.3005, 0.3178

Monochromacy



Original Color

52.1360, 0.3063, 0.3302

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.7146, 0.3103, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.1360, 0.3063, 0.3302 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(184, 193, 192)` looks like.

```
.text, #text, p{  
    color:rgb(184, 193, 192)  
}
```

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(184, 193, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 193, 192) }
```

Border

The CSS property to change the border of an element to Yxy 52.1360, 0.3063, 0.3302 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(184, 193, 192) }
```

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

```
.border{ border-color:rgb(184, 193, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 193, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 193, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 193, 192);  
box-shadow:4px 4px 4px 4px rgb(184, 193,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 52.1360, 0.3063, 0.3302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 193, 192) }
```

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

```
.background{ background-color: rgb(184,  
193, 192) }
```

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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