

Converting Colors

Yxy(52.7683, 0.3024, 0.3195)

Have a look what the booklet for
Yxy(52.7683, 0.3024, 0.3195)
contains.

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Color

Yxy(52.8749, 0.3028, 0.3203)

Conversions

Conversions Part 1

Format	Color
Hex	BBC1C8
RGB	187, 193, 200
RGB Percent	73%, 76%, 78%
CMY	0.2667, 0.2431, 0.2157
CMYK	0.07, 0.03, 0.00, 0.22
HSL	212°, 11%, 76%
HSV	212°, 7%, 78%
XYZ	49.9860, 52.8749, 62.2184
YIQ	192.0040, -5.8230, 0.9050

Conversions

Conversions Part 2

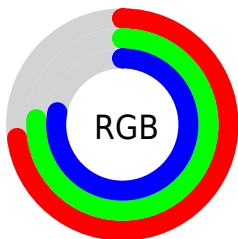
Format	Color
R _Y B	187, 191, 200
Decimal	12304840
CIE Lab	77.80, -0.73, -4.24
CIE LCh	78, 4.301, 260.290
Yxy	52.8749, 0.3028, 0.3203
Android (android.graphics.Color)	4290494920 (0xFFBBC1C8)
YUV	192.0040, 3.9420, -4.3885
Hunter-Lab	72.7151, -4.5466, 0.1694

Details

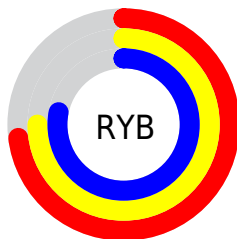
The Yxy color **52.8749, 0.3028, 0.3203** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.4425, 0.3229, 0.3376**, and the grayscale version is **52.6938, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.0260, 0.3055, 0.3231**, and **25.8998, 0.3004, 0.3189** is the 20% darker color. If you saturate the color by 10%, you get **45.9477, 0.2870, 0.3056**, and if you desaturate by 10%, it is **60.5032, 0.3179, 0.3334**.

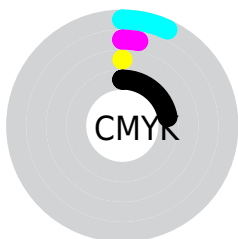
Distribution



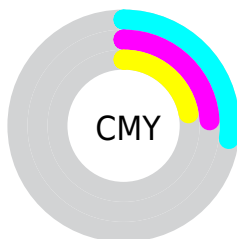
- Red (73%)
- Green (76%)
- Blue (78%)



- Red (73%)
- Yellow (75%)
- Blue (78%)



- Cyan (7%)
- Magenta (3%)
- Yellow (0%)
- Black (22%)



- Cyan (27%)
- Magenta (24%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.8749, 0.3028, 0.3203 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 52.8749, 0.3028, 0.3203 by changing the saturation by 10% instead.

■ 52.8749, 0.3028,
0.3203

■ 52.8749, 0.3028,
0.3203

397.8050, 0.3077,
0.3246

■ 37.7029, 0.3016,
0.3193

■ 94.4203, 0.3045,
0.3218

■ 25.7522, 0.3001,
0.3179

121.5624, 0.3052,
0.3224

■ 16.6383, 0.2982,
0.3162

153.4634, 0.3058,
0.3229

■ 9.9770, 0.2955,
0.3138

190.5077, 0.3062,
0.3233

■ 5.3837, 0.2916,
0.3103

233.0796, 0.3067,
0.3237

■ 2.4741, 0.2854,
0.3048

281.5635, 0.3070,

■ 0.8636, 0.2741,

0.3240

0.2948

336.3438, 0.3074,
0.3243

0.0000, 0.0000,
0.0000

52.8749, 0.3028,
0.3203

52.8749, 0.3028,
0.3203

45.9477, 0.2870,
0.3056

60.5032, 0.3179,
0.3334

39.6931, 0.2706,
0.2894

68.8465, 0.3321,
0.3450

34.0904, 0.2540,
0.2716

77.9268, 0.3454,
0.3552

29.1152, 0.2375,
0.2524

85.4184, 0.3491,
0.3652

24.7413, 0.2218,
0.2322

91.7939, 0.3470,
0.3754

■ 20.9402, 0.2072,
0.2114

■ 96.9505, 0.3454,
0.3830

■ 17.6804, 0.1944,
0.1904

■ 14.9265, 0.1839,
0.1701

■ 12.6345, 0.1760,
0.1510

Harmonies

Analogous

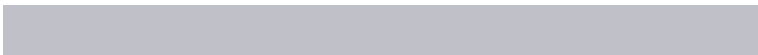
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



52.8749, 0.3015, 0.3238



52.8749, 0.3028, 0.3203



52.8749, 0.3067, 0.3191

Triad

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



52.8749, 0.3028, 0.3203



52.8749, 0.3223, 0.3291



52.8749, 0.3131, 0.3377

Complementary

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



52.8749, 0.3028, 0.3203



54.4425, 0.3229, 0.3376

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.



52.8749, 0.3187, 0.3391



52.8749, 0.3028, 0.3203



52.8749, 0.3240, 0.3341

Square

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



52.8749, 0.3028, 0.3203



52.8749, 0.3180, 0.3242



52.8749, 0.3227, 0.3377



52.8749, 0.3075, 0.3339

Rectangle

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



52.8749, 0.3028, 0.3203



52.8749, 0.3103, 0.3198



52.8749, 0.3227, 0.3377



52.8749, 0.3151, 0.3384

Sweetspot

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



52.8771, 0.3028, 0.3203



97.3096, 0.3097, 0.3264



55.7663, 0.3070, 0.3365



20.8565, 0.3098, 0.3265



0.0000, 0.0000, 0.0000



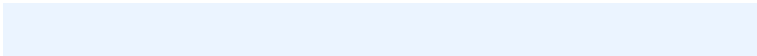
21.4041, 0.3127, 0.3290

Same Dimension

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



52.8771, 0.3028, 0.3203



89.5390, 0.3003, 0.3181



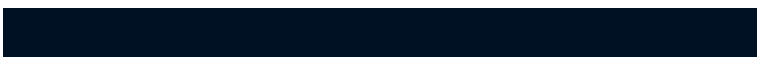
50.3214, 0.3032, 0.3128



11.0828, 0.2983, 0.3163



7.7534, 0.1742, 0.1472



0.5117, 0.1853, 0.1870

Inverse Universe

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



51.6645, 0.3189, 0.3217



86.9819, 0.3205, 0.3198



57.1196, 0.3219, 0.3448



10.7172, 0.3218, 0.3184



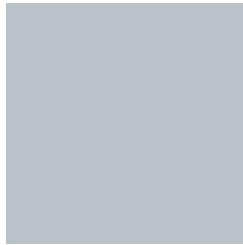
8.3227, 0.5096, 0.2581



0.4087, 0.4602, 0.2309

Previews

White Background



This preview shows how the Yxy color 52.8749, 0.3028, 0.3203 looks on a white background.

Color Contrast Check

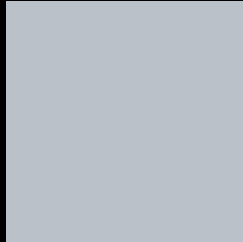
Large Text (above 18pt) WCAG AA × Fail

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 52.8749, 0.3028, 0.3203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

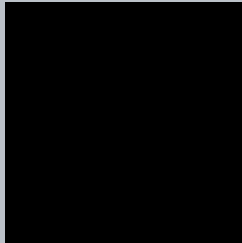
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

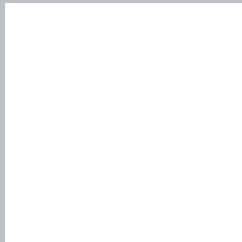
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.8749, 0.3028, 0.3203

Background



This preview shows how black text looks on a background with the Yxy color 52.8749, 0.3028, 0.3203.



This preview shows how white text looks on a background with the Yxy color 52.8749, 0.3028, 0.3203.

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

52.8749, 0.3028, 0.3203

Protanopia

52.8545, 0.3091, 0.3192

Deuteranopia

52.6003, 0.3185, 0.3112



Tritanopia

52.8956, 0.2986, 0.3106

Trichromacy



Original Color

52.8749, 0.3028, 0.3203

Protanomaly

52.8992, 0.3067, 0.3204

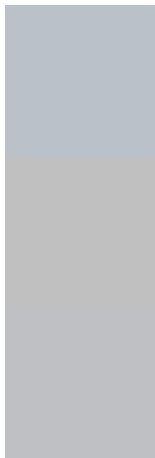
Deuteranomaly

52.8916, 0.3126, 0.3146

Tritanomaly

52.7503, 0.3007, 0.3142

Monochromacy



Original Color

52.8749, 0.3028, 0.3203

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.5866, 0.3089, 0.3253

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.8749, 0.3028, 0.3203 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, 193, 200)` looks like.

```
.text, #text, p{  
    color:rgb(187, 193, 200)  
}
```

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, 193, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 193, 200) }
```

Border

The CSS property to change the border of an element to Yxy 52.8749, 0.3028, 0.3203 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, 193, 200) }
```

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

```
.border{ border-color:rgb(187, 193, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 193, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 193, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 193, 200);  
box-shadow:4px 4px 4px 4px rgb(187, 193,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 52.8749, 0.3028, 0.3203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 193, 200) }
```

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

```
.background{ background-color: rgb(187,  
193, 200) }
```

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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