

Converting Colors

$Yxy(52.8193, 0.3020, 0.3181)$

Have a look what the booklet for
Yxy(52.8193, 0.3020, 0.3181)
contains.

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Color

Yxy(52.9218, 0.3021, 0.3191)

Conversions

Conversions Part 1

Format	Color
Hex	BBC1C9
RGB	187, 193, 201
RGB Percent	73%, 76%, 79%
CMY	0.2667, 0.2431, 0.2118
CMYK	0.07, 0.04, 0.00, 0.21
HSL	214°, 11%, 76%
HSV	214°, 7%, 79%
XYZ	50.1024, 52.9218, 62.8229
YIQ	192.1180, -6.1440, 1.2160

Conversions

Conversions Part 2

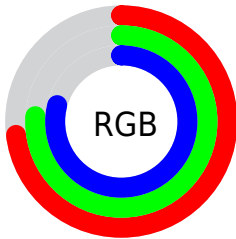
Format	Color
R _Y B	187, 191, 201
Decimal	12304841
CIE Lab	77.83, -0.53, -4.73
CIE LCh	78, 4.757, 263.580
Yxy	52.9218, 0.3021, 0.3191
Android (android.graphics.Color)	4290494921 (0xFFBBC1C9)
YUV	192.1180, 4.3788, -4.4885
Hunter-Lab	72.7474, -4.3718, -0.2783

Details

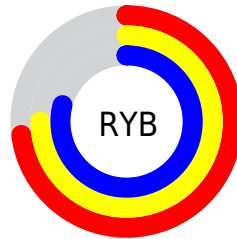
The Yxy color **52.9218, 0.3021, 0.3191** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.0175, 0.3236, 0.3387**, and the grayscale version is **52.7612, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.0260, 0.3055, 0.3231**, and **25.9311, 0.2995, 0.3173** is the 20% darker color. If you saturate the color by 10%, you get **45.6945, 0.2862, 0.3034**, and if you desaturate by 10%, it is **60.9006, 0.3172, 0.3331**.

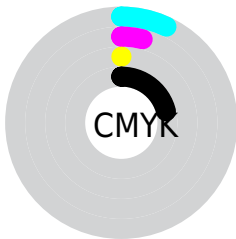
Distribution



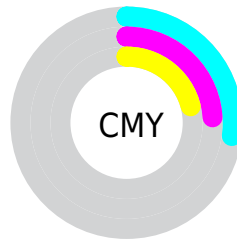
- Red (73%)
- Green (76%)
- Blue (79%)



- Red (73%)
- Yellow (75%)
- Blue (79%)



- Cyan (7%)
- Magenta (4%)
- Yellow (0%)
- Black (21%)



- Cyan (27%)
- Magenta (24%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.9218, 0.3021, 0.3191 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 52.9218, 0.3021, 0.3191 by changing the saturation by 10% instead.

■ 52.9218, 0.3021,
0.3191

■ 52.9218, 0.3021,
0.3191

397.9850, 0.3073,
0.3240

■ 37.7403, 0.3008,
0.3179

■ 94.4893, 0.3040,
0.3208

■ 25.7812, 0.2992,
0.3164

121.6441, 0.3047,
0.3215

■ 16.6600, 0.2971,
0.3144

153.5588, 0.3053,
0.3221

■ 9.9924, 0.2943,
0.3117

190.6179, 0.3058,
0.3225

■ 5.3939, 0.2901,
0.3078

233.2056, 0.3062,
0.3230

■ 2.4802, 0.2835,
0.3016

281.7065, 0.3066,

■ 0.8667, 0.2715,

0.3233

0.2903

336.5048, 0.3070,
0.3237

0.0000, 0.0000,
0.0000

52.9218, 0.3021,
0.3191

52.9218, 0.3021,
0.3191

45.6945, 0.2862,
0.3034

60.9006, 0.3172,
0.3331

39.1884, 0.2696,
0.2861

69.6464, 0.3314,
0.3454

33.3809, 0.2527,
0.2671

79.1829, 0.3445,
0.3563

28.2457, 0.2359,
0.2466

87.1057, 0.3479,
0.3669

23.7545, 0.2197,
0.2250

94.0193, 0.3457,
0.3777

■ 19.8766, 0.2048,
0.2029

■ 96.9964, 0.3448,
0.3820

■ 16.5780, 0.1916,
0.1808

■ 13.8206, 0.1809,
0.1596

■ 11.5563, 0.1728,
0.1400

Harmonies

Analogous

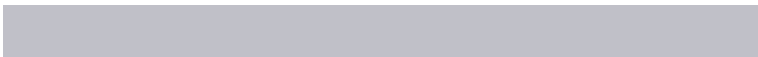
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



52.9218, 0.3004, 0.3227



52.9218, 0.3021, 0.3191



52.9218, 0.3067, 0.3181

Triad

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



52.9218, 0.3021, 0.3191



52.9218, 0.3237, 0.3298



52.9218, 0.3124, 0.3382

Complementary

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



52.9218, 0.3021, 0.3191



55.0175, 0.3236, 0.3387

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.



52.9218, 0.3187, 0.3401



52.9218, 0.3021, 0.3191



52.9218, 0.3253, 0.3351

Square

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



52.9218, 0.3021, 0.3191



52.9218, 0.3191, 0.3243



52.9218, 0.3234, 0.3389



52.9218, 0.3063, 0.3338

Rectangle

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



52.9218, 0.3021, 0.3191



52.9218, 0.3107, 0.3191



52.9218, 0.3234, 0.3389



52.9218, 0.3146, 0.3392

Sweetspot

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



52.9240, 0.3021, 0.3191



97.2052, 0.3097, 0.3262



56.2665, 0.3063, 0.3365



20.8353, 0.3098, 0.3263



0.0000, 0.0000, 0.0000



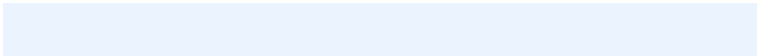
21.4041, 0.3127, 0.3290

Same Dimension

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



52.9240, 0.3021, 0.3191



89.1400, 0.3003, 0.3174



50.4340, 0.3029, 0.3116



11.0252, 0.2983, 0.3155



7.0568, 0.1714, 0.1369



0.4773, 0.1828, 0.1782

Inverse Universe

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



51.8023, 0.3197, 0.3217



86.9416, 0.3209, 0.3205



57.6405, 0.3222, 0.3459



10.7114, 0.3223, 0.3191



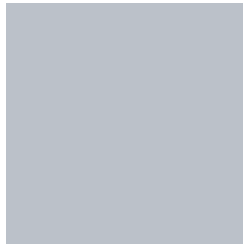
8.2524, 0.5232, 0.2656



0.4052, 0.4707, 0.2367

Previews

White Background



This preview shows how the Yxy color 52.9218, 0.3021, 0.3191 looks on a white background.

Color Contrast Check

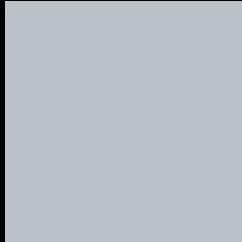
Large Text (above 18pt) WCAG AA × Fail

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 52.9218, 0.3021, 0.3191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

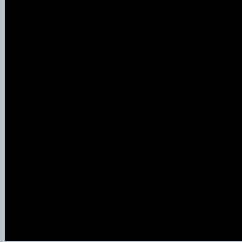
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

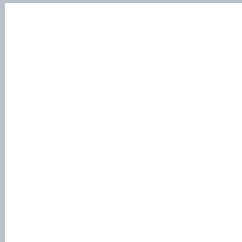
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.9218, 0.3021, 0.3191

Background



This preview shows how black text looks on a background with the Yxy color 52.9218, 0.3021, 0.3191.



This preview shows how white text looks on a background with the Yxy color 52.9218, 0.3021, 0.3191.

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

52.9218, 0.3021, 0.3191

Protanopia

52.7692, 0.3076, 0.3180

Deuteranopia

52.9267, 0.3168, 0.3112



Tritanopia

52.8956, 0.2986, 0.3106

Trichromacy



Original Color

52.9218, 0.3021, 0.3191

Protanomaly

52.9458, 0.3060, 0.3192

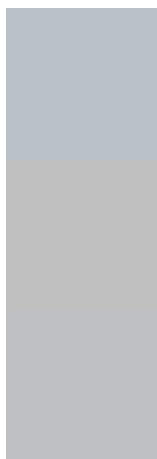
Deuteranomaly

52.8016, 0.3110, 0.3133

Tritanomaly

52.7984, 0.3000, 0.3130

Monochromacy



Original Color

52.9218, 0.3021, 0.3191

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 52.9218, 0.3021, 0.3191 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, 201)` looks like.

```
.text, #text, p{  
    color:rgb(187, 193, 201)  
}
```

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, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 193, 201) }
```

Border

The CSS property to change the border of an element to Yxy 52.9218, 0.3021, 0.3191 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, 201) }
```

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

```
.border{ border-color:rgb(187, 193, 201) }
```

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, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 193, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 193, 201);  
box-shadow:4px 4px 4px 4px rgb(187, 193,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 52.9218, 0.3021, 0.3191 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, 201) }
```

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

```
.background{ background-color: rgb(187,  
193, 201) }
```

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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