

Converting Colors

$Y_{xy}(52.7935, 0.2951, 0.3218)$

Have a look what the booklet for
Yxy(52.7935, 0.2951, 0.3218)
contains.

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Color

Yxy(52.7122, 0.2952, 0.3214)

Conversions

Conversions Part 1

Format	Color
Hex	B2C3C9
RGB	178, 195, 201
RGB Percent	70%, 76%, 79%
CMY	0.3020, 0.2353, 0.2118
CMYK	0.11, 0.03, 0.00, 0.21
HSL	196°, 18%, 74%
HSV	196°, 11%, 79%
XYZ	48.4152, 52.7122, 62.8807
YIQ	190.6010, -12.0580, -1.7380

Conversions

Conversions Part 2

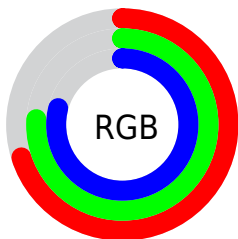
Format	Color
R_{YB}	178, 188, 201
Decimal	11715529
CIE _{Lab}	77.70, -4.58, -4.99
CIE _{LCh}	78, 6.776, 227.445
Yxy	52.7122, 0.2952, 0.3214
Android (android.graphics.Color)	4289905609 (0xFFB2C3C9)
YUV	190.6010, 5.1267, -11.0511
Hunter-Lab	72.6032, -8.0234, -0.5281

Details

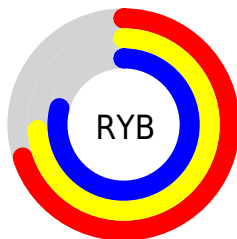
The Yxy color **52.7122, 0.2952, 0.3214** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.9038, 0.3321, 0.3365**, and the grayscale version is **51.8322, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.3332, 0.2999, 0.3260**, and **25.5163, 0.2904, 0.3187** is the 20% darker color. If you saturate the color by 10%, you get **48.2040, 0.2801, 0.3141**, and if you desaturate by 10%, it is **57.6554, 0.3105, 0.3281**.

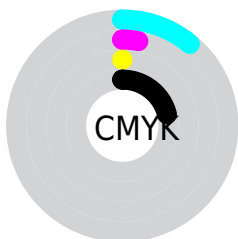
Distribution



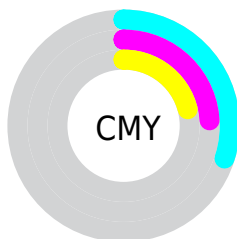
- Red (70%)
- Green (76%)
- Blue (79%)



- Red (70%)
- Yellow (74%)
- Blue (79%)



- Cyan (11%)
- Magenta (3%)
- Yellow (0%)
- Black (21%)



- Cyan (30%)
- Magenta (24%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.7122, 0.2952, 0.3214 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 52.7122, 0.2952, 0.3214 by changing the saturation by 10% instead.

■ 52.7122, 0.2952,
0.3214

■ 52.7122, 0.2952,
0.3214

■ 397.1800, 0.3037,
0.3252

■ 37.5731, 0.2931,
0.3205

■ 94.1807, 0.2983,
0.3228

■ 25.6515, 0.2905,
0.3193

■ 121.2789, 0.2994,
0.3233

■ 16.5631, 0.2871,
0.3177

■ 153.1323, 0.3004,
0.3237

■ 9.9235, 0.2824,
0.3155

■ 190.1252, 0.3013,
0.3241

■ 5.3483, 0.2756,
0.3122

■ 232.6420, 0.3020,
0.3244

■ 2.4530, 0.2650,
0.3070

■ 281.0671, 0.3026,

■ 0.8530, 0.2439,

0.3247

0.2978

335.7850, 0.3032,
0.3250

0.0000, 0.0000,
0.0000

52.7122, 0.2952,
0.3214

52.7122, 0.2952,
0.3214

48.2040, 0.2801,
0.3141

57.6554, 0.3105,
0.3281

44.1082, 0.2654,
0.3061

63.0420, 0.3257,
0.3341

40.4101, 0.2515,
0.2975

68.8883, 0.3406,
0.3395

37.0912, 0.2387,
0.2885

74.5598, 0.3525,
0.3444

34.1314, 0.2273,
0.2790

77.2835, 0.3514,
0.3496

■ 31.5083, 0.2176,
0.2694

■ 80.0935, 0.3504,
0.3548

■ 29.1965, 0.2099,
0.2596

■ 82.9904, 0.3493,
0.3599

■ 27.1657, 0.2042,
0.2499

■ 85.9750, 0.3483,
0.3650

■ 25.6055, 0.2005,
0.2417

■ 89.0481, 0.3472,
0.3700

Harmonies

Analogous

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



52.7122, 0.2983, 0.3294



52.7122, 0.2952, 0.3214



52.7122, 0.2967, 0.3156

Triad

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



52.7122, 0.2952, 0.3214



52.7122, 0.3202, 0.3208



52.7122, 0.3229, 0.3449

Complementary

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



52.7122, 0.2952, 0.3214



49.9038, 0.3321, 0.3365

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.



52.7122, 0.3289, 0.3423



52.7122, 0.2952, 0.3214



52.7122, 0.3274, 0.3284

Square

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



52.7122, 0.2952, 0.3214



52.7122, 0.3111, 0.3154



52.7122, 0.3306, 0.3362



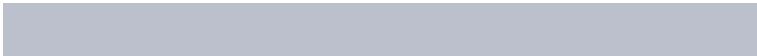
52.7122, 0.3142, 0.3431

Rectangle

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



52.7122, 0.2952, 0.3214



52.7122, 0.3002, 0.3138



52.7122, 0.3306, 0.3362



52.7122, 0.3253, 0.3445

Sweetspot

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



52.7144, 0.2952, 0.3214



97.3135, 0.3081, 0.3271



54.6869, 0.3073, 0.3510



20.6780, 0.3068, 0.3265



0.0000, 0.0000, 0.0000



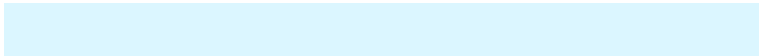
21.4041, 0.3127, 0.3290

Same Dimension

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



52.7144, 0.2952, 0.3214



88.0584, 0.2910, 0.3195



47.8537, 0.2950, 0.3069



11.5820, 0.2984, 0.3228



16.2547, 0.2009, 0.2431



0.8824, 0.2064, 0.2631

Inverse Universe

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



48.1936, 0.3189, 0.3082



78.7154, 0.3205, 0.3031



54.7725, 0.3305, 0.3502



10.7676, 0.3177, 0.3121



9.1809, 0.3991, 0.1972



0.4461, 0.3794, 0.1864

Previews

White Background



This preview shows how the Yxy color 52.7122, 0.2952, 0.3214 looks on a white background.

Color Contrast Check

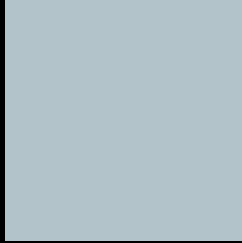
Large Text (above 18pt) WCAG AA × Fail

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 52.7122, 0.2952, 0.3214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

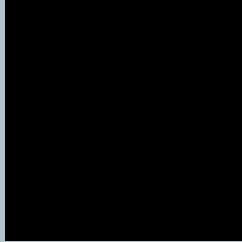
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

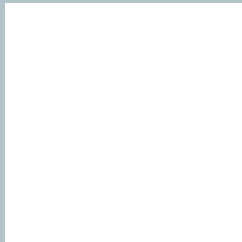
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.7122, 0.2952, 0.3214

Background



This preview shows how black text looks on a background with the Yxy color 52.7122, 0.2952, 0.3214.



This preview shows how white text looks on a background with the Yxy color 52.7122, 0.2952, 0.3214.

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

52.7122, 0.2952, 0.3214

Protanopia

52.6763, 0.3091, 0.3204

Deuteranopia

52.4087, 0.3153, 0.3088



Tritanopia

52.7707, 0.2904, 0.3103

Trichromacy



Original Color

52.7122, 0.2952, 0.3214

Protanomaly

52.5142, 0.3043, 0.3203

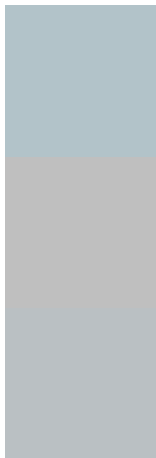
Deuteranomaly

52.2616, 0.3078, 0.3132

Tritanomaly

52.6235, 0.2925, 0.3140

Monochromacy



Original Color

52.7122, 0.2952, 0.3214

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

52.0785, 0.3057, 0.3252

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.7122, 0.2952, 0.3214 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(178, 195, 201)` looks like.

```
.text, #text, p{  
    color:rgb(178, 195, 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(178, 195, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 195, 201) }
```

Border

The CSS property to change the border of an element to Yxy 52.7122, 0.2952, 0.3214 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(178, 195, 201) }
```

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

```
.border{ border-color:rgb(178, 195, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 195, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 195, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 195, 201);  
box-shadow:4px 4px 4px 4px rgb(178, 195,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 52.7122, 0.2952, 0.3214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 195, 201) }
```

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

```
.background{ background-color: rgb(178,  
195, 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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