

Converting Colors

$Yxy(51.5475, 0.2955, 0.3147)$

Have a look what the booklet for
Yxy(51.5475, 0.2955, 0.3147)
contains.

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Color

Yxy(51.7144, 0.2953, 0.3152)

Conversions

Conversions Part 1

Format	Color
Hex	B4C0CB
RGB	180, 192, 203
RGB Percent	71%, 75%, 80%
CMY	0.2941, 0.2470, 0.2041
CMYK	0.11, 0.05, 0.00, 0.20
HSL	209°, 18%, 75%
HSV	209°, 11%, 80%
XYZ	48.4494, 51.7144, 63.9047
YIQ	189.6660, -10.6830, 0.8770

Conversions

Conversions Part 2

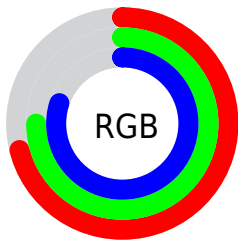
Format	Color
R _Y B	180, 188, 203
Decimal	11845835
CIE Lab	77.11, -1.92, -6.92
CIE LCh	77, 7.179, 254.455
Yxy	51.7144, 0.2953, 0.3152
Android (android.graphics.Color)	4290035915 (0xFFB4C0CB)
YUV	189.6660, 6.5737, -8.4771
Hunter-Lab	71.9127, -5.5873, -2.3487

Details

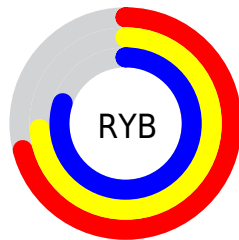
The Yxy color $51.7144, 0.2953, 0.3152$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $53.2347, 0.3311, 0.3424$, and the grayscale version is $51.2575, 0.3127, 0.3290$.

A 20% lighter version of the original color is $92.1877, 0.3012, 0.3220$, and $25.1472, 0.2904, 0.3120$ is the 20% darker color. If you saturate the color by 10%, you get $45.3401, 0.2794, 0.3015$, and if you desaturate by 10%, it is $58.7299, 0.3107, 0.3275$.

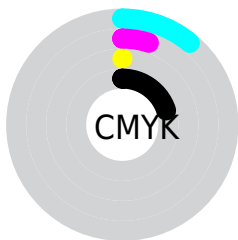
Distribution



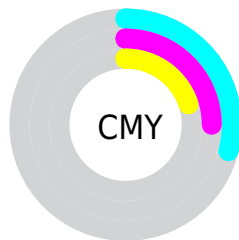
- Red (71%)
- Green (75%)
- Blue (80%)



- Red (71%)
- Yellow (74%)
- Blue (80%)



- Cyan (11%)
- Magenta (5%)
- Yellow (0%)
- Black (20%)



- Cyan (29%)
- Magenta (25%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.7144, 0.2953, 0.3152 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 51.7144, 0.2953, 0.3152 by changing the saturation by 10% instead.

■ 51.7144, 0.2953,
0.3152

■ 51.7144, 0.2953,
0.3152

■ 393.3330, 0.3038,
0.3220

■ 36.7775, 0.2932,
0.3135

■ 92.7099, 0.2984,
0.3177

■ 25.0352, 0.2906,
0.3114

■ 119.5373, 0.2995,
0.3186

■ 16.1033, 0.2871,
0.3086

■ 151.0969, 0.3005,
0.3194

■ 9.5973, 0.2824,
0.3047

■ 187.7732, 0.3014,
0.3200

■ 5.1328, 0.2756,
0.2991

■ 229.9506, 0.3021,
0.3206

■ 2.3254, 0.2647,
0.2901

■ 278.0134, 0.3027,

■ 0.7871, 0.2435,

0.3211

0.2733

332.3461, 0.3033,
0.3216

0.0000, 0.0000,
0.0000

51.7144, 0.2953,
0.3152

51.7144, 0.2953,
0.3152

45.3401, 0.2794,
0.3015

58.7299, 0.3107,
0.3275

39.5796, 0.2632,
0.2865

66.3998, 0.3255,
0.3384

34.4132, 0.2472,
0.2702

74.7450, 0.3395,
0.3481

29.8170, 0.2318,
0.2528

82.5892, 0.3482,
0.3571

25.7657, 0.2173,
0.2346

88.1567, 0.3463,
0.3665

■ 22.2311, 0.2044,
0.2160

■ 94.0291, 0.3445,
0.3756

■ 19.1818, 0.1935,
0.1974

■ 97.0901, 0.3436,
0.3801

■ 16.5813, 0.1849,
0.1794

■ 14.6329, 0.1790,
0.1644

Harmonies

Analogous

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



51.7144, 0.2942, 0.3217



51.7144, 0.2953, 0.3152



51.7144, 0.3010, 0.3125

Triad

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



51.7144, 0.2953, 0.3152



51.7144, 0.3277, 0.3275



51.7144, 0.3153, 0.3445

Complementary

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



51.7144, 0.2953, 0.3152



53.2347, 0.3311, 0.3424

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.



51.7144, 0.3244, 0.3459



51.7144, 0.2953, 0.3152



51.7144, 0.3317, 0.3359

Square

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



51.7144, 0.2953, 0.3152



51.7144, 0.3197, 0.3196



51.7144, 0.3304, 0.3427



51.7144, 0.3056, 0.3387

Rectangle

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



51.7144, 0.2953, 0.3152



51.7144, 0.3068, 0.3131



51.7144, 0.3304, 0.3427



51.7144, 0.3185, 0.3455

Sweetspot

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



51.7166, 0.2953, 0.3152



96.2698, 0.3081, 0.3255



56.1486, 0.3039, 0.3444



20.3960, 0.3069, 0.3245



0.0000, 0.0000, 0.0000



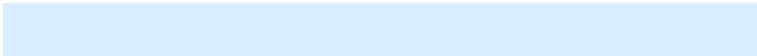
21.4041, 0.3127, 0.3290

Same Dimension

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



51.7166, 0.2953, 0.3152



83.4509, 0.2908, 0.3114



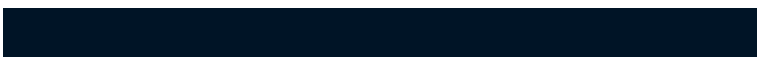
46.9711, 0.2951, 0.3008



11.7979, 0.2983, 0.3177



9.4996, 0.1796, 0.1667



0.6415, 0.1892, 0.2010

Inverse Universe

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



49.1442, 0.3228, 0.3144



78.2503, 0.3258, 0.3106



58.3214, 0.3295, 0.3557



11.3100, 0.3210, 0.3170



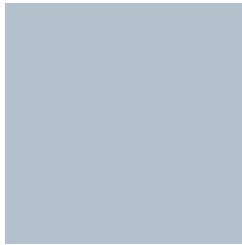
8.7620, 0.4847, 0.2444



0.4673, 0.4442, 0.2221

Previews

White Background



This preview shows how the Yxy color 51.7144, 0.2953, 0.3152 looks on a white background.

Color Contrast Check

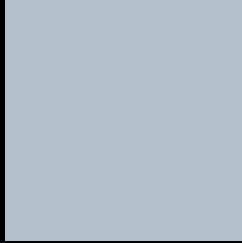
Large Text (above 18pt) WCAG AA × Fail

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 51.7144, 0.2953, 0.3152 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

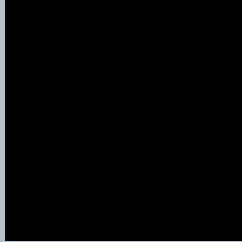
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

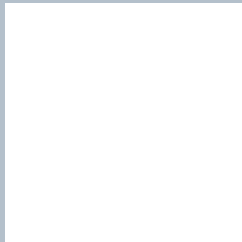
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.7144, 0.2953, 0.3152

Background



This preview shows how black text looks on a background with the Yxy color 51.7144, 0.2953, 0.3152.

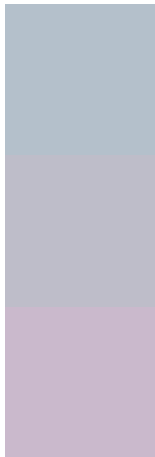


This preview shows how white text looks on a background with the Yxy color 51.7144, 0.2953, 0.3152.

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

51.7144, 0.2953, 0.3152

Protanopia

51.5594, 0.3045, 0.3142

Deuteranopia

51.6141, 0.3121, 0.3062



Tritanopia

51.5904, 0.2932, 0.3090

Trichromacy



Original Color

51.7144, 0.2953, 0.3152

Protanomaly

51.5303, 0.3006, 0.3141

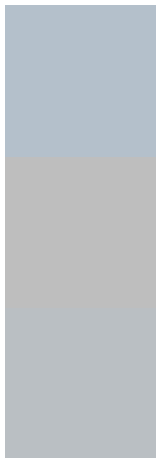
Deuteranomaly

51.7954, 0.3055, 0.3095

Tritanomaly

51.5416, 0.2939, 0.3102

Monochromacy



Original Color

51.7144, 0.2953, 0.3152

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.6408, 0.3057, 0.3240

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.7144, 0.2953, 0.3152 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(180, 192, 203)` looks like.

```
.text, #text, p{  
    color:rgb(180, 192, 203)  
}
```

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(180, 192, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 192, 203) }
```

Border

The CSS property to change the border of an element to Yxy 51.7144, 0.2953, 0.3152 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(180, 192, 203) }
```

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

```
.border{ border-color:rgb(180, 192, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 192, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 192, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 192, 203);  
box-shadow:4px 4px 4px 4px rgb(180, 192,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 51.7144, 0.2953, 0.3152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 192, 203) }
```

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

```
.background{ background-color: rgb(180,  
192, 203) }
```

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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