

Converting Colors

$Yxy(52.5802, 0.2973, 0.3255)$

Have a look what the booklet for
Yxy(52.5802, 0.2973, 0.3255)
contains.

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Color

Yxy(52.5724, 0.2973, 0.3252)

Conversions

Conversions Part 1

Format	Color
Hex	B2C3C6
RGB	178, 195, 198
RGB Percent	70%, 76%, 78%
CMY	0.3021, 0.2352, 0.2236
CMYK	0.10, 0.01, 0.00, 0.22
HSL	189°, 15%, 74%
HSV	189°, 10%, 78%
XYZ	48.0620, 52.5724, 61.0273
YIQ	190.2590, -11.0950, -2.6710

Conversions

Conversions Part 2

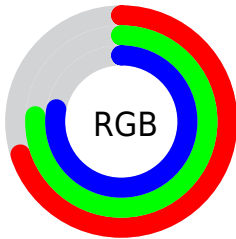
Format	Color
R_{YB}	178, 187, 198
Decimal	11715526
CIE _{Lab}	77.62, -5.20, -3.48
CIE _{LCh}	78, 6.257, 213.813
Yxy	52.5724, 0.2973, 0.3252
Android (android.graphics.Color)	4289905606 (0xFFB2C3C6)
YUV	190.2590, 3.8163, -10.7511
Hunter-Lab	72.5068, -8.5660, 0.8518

Details

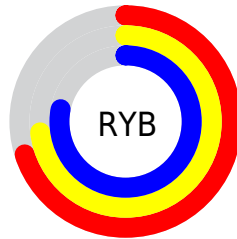
The Yxy color **52.5724, 0.2973, 0.3252** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.2412, 0.3299, 0.3328**, and the grayscale version is **51.6303, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.3332, 0.2999, 0.3260**, and **25.4233, 0.2931, 0.3238** is the 20% darker color. If you saturate the color by 10%, you get **49.0966, 0.2825, 0.3211**, and if you desaturate by 10%, it is **56.4165, 0.3126, 0.3290**.

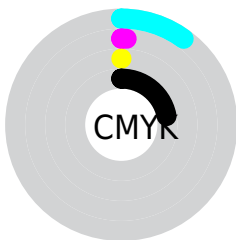
Distribution



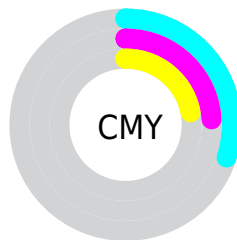
- Red (70%)
- Green (76%)
- Blue (78%)



- Red (70%)
- Yellow (73%)
- Blue (78%)



- Cyan (10%)
- Magenta (1%)
- Yellow (0%)
- Black (22%)



- Cyan (30%)
- Magenta (24%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.5724, 0.2973, 0.3252 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 52.5724, 0.2973, 0.3252 by changing the saturation by 10% instead.

■ 52.5724, 0.2973,
0.3252

■ 52.5724, 0.2973,
0.3252

396.6424, 0.3048,
0.3271

■ 37.4615, 0.2955,
0.3247

■ 93.9749, 0.3000,
0.3259

■ 25.5650, 0.2932,
0.3241

121.0352, 0.3010,
0.3262

■ 16.4985, 0.2901,
0.3233

152.8476, 0.3019,
0.3264

■ 9.8776, 0.2860,
0.3221

189.7963, 0.3026,
0.3266

■ 5.3179, 0.2800,
0.3204

232.2657, 0.3033,
0.3267

■ 2.4350, 0.2705,
0.3176

280.6403, 0.3039,

■ 0.8438, 0.2505,

0.3269

0.3131

335.3044, 0.3044,
0.3270

0.0000, 0.0000,
0.0000

52.5724, 0.2973,
0.3252

52.5724, 0.2973,
0.3252

49.0966, 0.2825,
0.3211

56.4165, 0.3126,
0.3290

45.9678, 0.2684,
0.3167

60.6359, 0.3280,
0.3324

43.1728, 0.2554,
0.3119

65.2458, 0.3434,
0.3354

40.6945, 0.2437,
0.3070

69.8448, 0.3568,
0.3382

38.5147, 0.2336,
0.3019

71.2786, 0.3561,
0.3412

■ 36.6127, 0.2253,
0.2966

■ 72.7391, 0.3555,
0.3441

■ 34.9652, 0.2189,
0.2914

■ 74.2263, 0.3548,
0.3471

■ 33.5446, 0.2144,
0.2861

■ 75.7404, 0.3542,
0.3501

■ 32.3100, 0.2114,
0.2810

■ 77.2814, 0.3535,
0.3530

Harmonies

Analogous

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



52.5724, 0.3019, 0.3329



52.5724, 0.2973, 0.3252



52.5724, 0.2968, 0.3187

Triad

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



52.5724, 0.2973, 0.3252



52.5724, 0.3159, 0.3188



52.5724, 0.3251, 0.3431

Complementary

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



52.5724, 0.2973, 0.3252



48.2412, 0.3299, 0.3328

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.



52.5724, 0.3289, 0.3391



52.5724, 0.2973, 0.3252



52.5724, 0.3236, 0.3251

Square

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



52.5724, 0.2973, 0.3252



52.5724, 0.3074, 0.3152



52.5724, 0.3284, 0.3325



52.5724, 0.3179, 0.3433

Rectangle

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



52.5724, 0.2973, 0.3252



52.5724, 0.2988, 0.3159



52.5724, 0.3284, 0.3325



52.5724, 0.3268, 0.3421

Sweetspot

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



52.5746, 0.2973, 0.3252



97.8561, 0.3080, 0.3279



53.1627, 0.3096, 0.3513



20.8248, 0.3068, 0.3276



0.0000, 0.0000, 0.0000



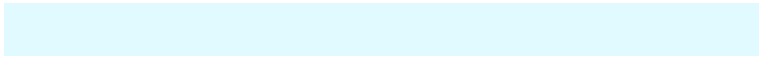
21.4041, 0.3127, 0.3290

Same Dimension

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



52.5746, 0.2973, 0.3252



91.7898, 0.2942, 0.3244



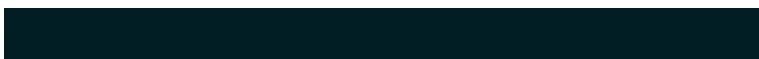
48.3669, 0.2972, 0.3127



11.7891, 0.2984, 0.3255



21.1155, 0.2116, 0.2817



1.0747, 0.2146, 0.2925

Inverse Universe

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



47.7754, 0.3163, 0.3080



81.7177, 0.3170, 0.3036



52.3235, 0.3286, 0.3448



10.7885, 0.3160, 0.3095



9.6716, 0.3619, 0.1767



0.4655, 0.3521, 0.1713

Previews

White Background



This preview shows how the Yxy color 52.5724, 0.2973, 0.3252 looks on a white background.

Color Contrast Check

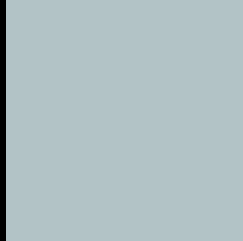
Large Text (above 18pt) WCAG AA × Fail

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 52.5724, 0.2973, 0.3252 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

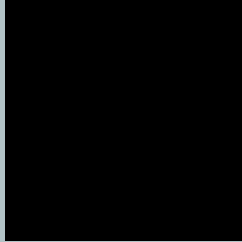
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

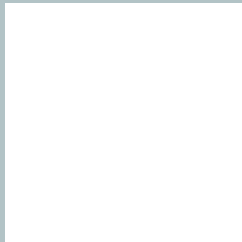
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.5724, 0.2973, 0.3252

Background



This preview shows how black text looks on a background with the Yxy color 52.5724, 0.2973, 0.3252.



This preview shows how white text looks on a background with the Yxy color 52.5724, 0.2973, 0.3252.

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

52.5724, 0.2973, 0.3252

Protanopia

52.6711, 0.3121, 0.3241

Deuteranopia

52.4098, 0.3185, 0.3124



Tritanopia

52.4467, 0.2911, 0.3091

Trichromacy



Original Color

52.5724, 0.2973, 0.3252

Protanomaly

52.3762, 0.3065, 0.3240

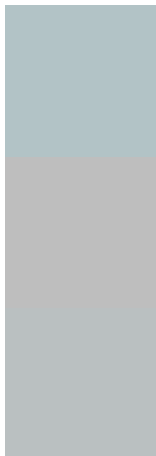
Deuteranomaly

52.2545, 0.3108, 0.3168

Tritanomaly

52.5751, 0.2932, 0.3152

Monochromacy



Original Color

52.5724, 0.2973, 0.3252

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.9886, 0.3072, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.5724, 0.2973, 0.3252 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, 198)` looks like.

```
.text, #text, p{  
    color:rgb(178, 195, 198)  
}
```

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, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 195, 198) }
```

Border

The CSS property to change the border of an element to Yxy 52.5724, 0.2973, 0.3252 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, 198) }
```

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

```
.border{ border-color:rgb(178, 195, 198) }
```

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, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 195, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 195, 198);  
box-shadow:4px 4px 4px 4px rgb(178, 195,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 52.5724, 0.2973, 0.3252 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, 198) }
```

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

```
.background{ background-color: rgb(178,  
195, 198) }
```

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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