

Converting Colors

Yxy(51.8838, 0.3078, 0.3275)

Have a look what the booklet for
Yxy(51.8838, 0.3078, 0.3275)
contains.

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Color

Yxy(52.1143, 0.3080, 0.3277)

Conversions

Conversions Part 1

Format	Color
Hex	BBC0C1
RGB	187, 192, 193
RGB Percent	73%, 75%, 76%
CMY	0.2664, 0.2471, 0.2431
CMYK	0.03, 0.01, 0.00, 0.24
HSL	190°, 5%, 75%
HSV	190°, 3%, 76%
XYZ	48.9814, 52.1143, 57.9348
YIQ	190.6190, -3.3010, -0.7490

Conversions

Conversions Part 2

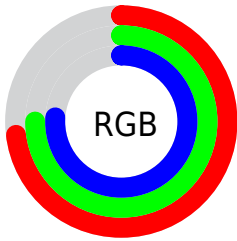
Format	Color
R_{YB}	187, 190, 193
Decimal	12304577
CIE _{Lab}	77.35, -1.50, -1.12
CIE _{LCh}	77, 1.871, 216.721
Yxy	52.1143, 0.3080, 0.3277
Android (android.graphics.Color)	4290494657 (0xFFBBC0C1)
YUV	190.6190, 1.1738, -3.1739
Hunter-Lab	72.1902, -5.2199, 2.9512

Details

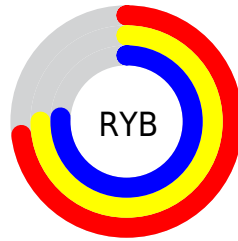
The Yxy color **52.1143, 0.3080, 0.3277** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.9352, 0.3176, 0.3303**, and the grayscale version is **51.8694, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.0290, 0.3090, 0.3280**, and **25.4270, 0.3063, 0.3273** is the 20% darker color. If you saturate the color by 10%, you get **48.3967, 0.2928, 0.3232**, and if you desaturate by 10%, it is **56.1966, 0.3233, 0.3318**.

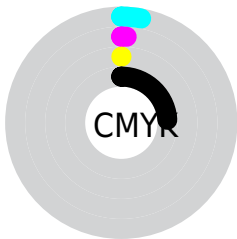
Distribution



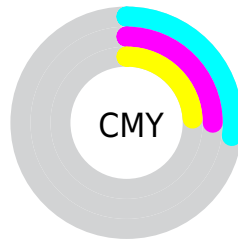
- Red (73%)
- Green (75%)
- Blue (76%)



- Red (73%)
- Yellow (75%)
- Blue (76%)



- Cyan (3%)
- Magenta (1%)
- Yellow (0%)
- Black (24%)



- Cyan (27%)
- Magenta (25%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.1143, 0.3080, 0.3277 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 52.1143, 0.3080, 0.3277 by changing the saturation by 10% instead.

■ 52.1143, 0.3080,
0.3277

■ 52.1143, 0.3080,
0.3277

394.8777, 0.3103,
0.3284

■ 37.0962, 0.3074,
0.3275

■ 93.2998, 0.3088,
0.3279

■ 25.2820, 0.3067,
0.3273

120.2360, 0.3091,
0.3280

■ 16.2873, 0.3058,
0.3271

151.9136, 0.3094,
0.3281

■ 9.7277, 0.3045,
0.3267

188.7171, 0.3096,
0.3282

■ 5.2188, 0.3026,
0.3261

231.0309, 0.3098,
0.3282

■ 2.3762, 0.2996,
0.3252

279.2393, 0.3100,

■ 0.8136, 0.2930,

0.3283

0.3236

333.7268, 0.3102,
0.3283

0.0000, 0.0000,
0.0000

52.1143, 0.3080,
0.3277

52.1143, 0.3080,
0.3277

48.3967, 0.2928,
0.3232

56.1966, 0.3233,
0.3318

45.0240, 0.2781,
0.3183

60.6495, 0.3386,
0.3354

41.9845, 0.2642,
0.3131

65.4869, 0.3537,
0.3387

39.2630, 0.2513,
0.3075

68.9193, 0.3609,
0.3418

36.8431, 0.2398,
0.3016

70.5326, 0.3601,
0.3452

■ 34.7071, 0.2299,
0.2955

■ 72.1800, 0.3593,
0.3486

■ 32.8349, 0.2218,
0.2894

■ 73.8618, 0.3585,
0.3520

■ 31.2034, 0.2156,
0.2832

■ 75.5781, 0.3578,
0.3553

■ 29.7850, 0.2113,
0.2770

■ 77.3292, 0.3570,
0.3586

Harmonies

Analogous

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



52.1143, 0.3093, 0.3300



52.1143, 0.3080, 0.3277



52.1143, 0.3080, 0.3258

Triad

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



52.1143, 0.3080, 0.3277



52.1143, 0.3139, 0.3261



52.1143, 0.3163, 0.3333

Complementary

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



52.1143, 0.3080, 0.3277



50.9352, 0.3176, 0.3303

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.



52.1143, 0.3175, 0.3322



52.1143, 0.3080, 0.3277



52.1143, 0.3162, 0.3281

Square

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



52.1143, 0.3080, 0.3277



52.1143, 0.3114, 0.3249



52.1143, 0.3175, 0.3303



52.1143, 0.3141, 0.3332

Rectangle

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



52.1143, 0.3080, 0.3277



52.1143, 0.3087, 0.3250



52.1143, 0.3175, 0.3303



52.1143, 0.3168, 0.3330

Sweetspot

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



52.1165, 0.3080, 0.3277



94.7846, 0.3112, 0.3286



52.3510, 0.3116, 0.3352



20.3423, 0.3112, 0.3286



97.7402, 0.3127, 0.3290



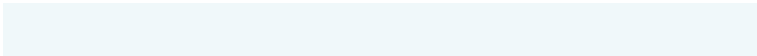
20.4902, 0.3127, 0.3290

Same Dimension

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



52.1165, 0.3080, 0.3277



92.6470, 0.3065, 0.3273



50.8396, 0.3081, 0.3240



11.5168, 0.3055, 0.3270



19.3177, 0.2093, 0.2736



0.9144, 0.2131, 0.2872

Inverse Universe

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



50.7128, 0.3139, 0.3229



89.3574, 0.3142, 0.3209



52.2038, 0.3173, 0.3339



11.0454, 0.3145, 0.3197



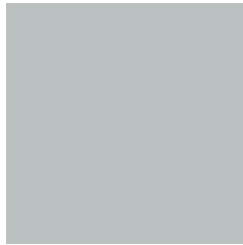
9.2324, 0.3694, 0.1809



0.4070, 0.3568, 0.1739

Previews

White Background



This preview shows how the Yxy color 52.1143, 0.3080, 0.3277 looks on a white background.

Color Contrast Check

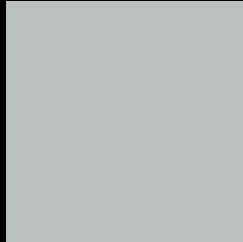
Large Text (above 18pt) WCAG AA × Fail

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 52.1143, 0.3080, 0.3277 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

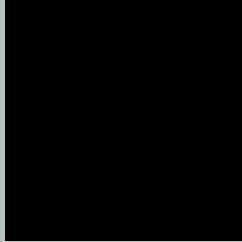
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

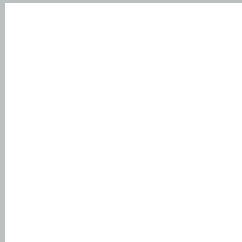
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.1143, 0.3080, 0.3277

Background



This preview shows how black text looks on a background with the Yxy color 52.1143, 0.3080, 0.3277.

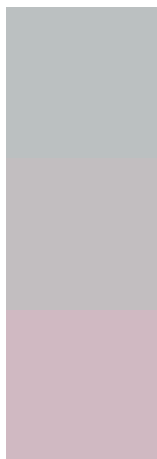


This preview shows how white text looks on a background with the Yxy color 52.1143, 0.3080, 0.3277.

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

52.1143, 0.3080, 0.3277

Protanopia

52.1020, 0.3145, 0.3265

Deuteranopia

52.0029, 0.3250, 0.3183



Tritanopia

52.0535, 0.3008, 0.3105

Trichromacy



Original Color

52.1143, 0.3080, 0.3277

Protanomaly

52.1437, 0.3120, 0.3278

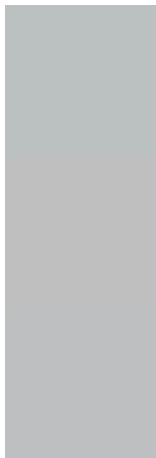
Deuteranomaly

52.1408, 0.3180, 0.3217

Tritanomaly

52.1700, 0.3029, 0.3166

Monochromacy



Original Color

52.1143, 0.3080, 0.3277

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

52.0145, 0.3112, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.1143, 0.3080, 0.3277 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, 192, 193)` looks like.

```
.text, #text, p{  
    color:rgb(187, 192, 193)  
}
```

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, 192, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 192, 193) }
```

Border

The CSS property to change the border of an element to Yxy 52.1143, 0.3080, 0.3277 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, 192, 193) }
```

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

```
.border{ border-color:rgb(187, 192, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 192, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 192, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 192, 193);  
box-shadow:4px 4px 4px 4px rgb(187, 192,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 52.1143, 0.3080, 0.3277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 192, 193) }
```

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

```
.background{ background-color: rgb(187,  
192, 193) }
```

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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