

Converting Colors

$Yxy(53.0733, 0.3122, 0.3573)$

Have a look what the booklet for
Yxy(53.0733, 0.3122, 0.3573)
contains.

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Color

Yxy(52.8699, 0.3122, 0.3575)

Conversions

Conversions Part 1

Format	Color
Hex	B1C6B0
RGB	177, 198, 176
RGB Percent	69%, 78%, 69%
CMY	0.3057, 0.2236, 0.3098
CMYK	0.11, 0.00, 0.11, 0.22
HSL	117°, 16%, 73%
HSV	117°, 11%, 78%
XYZ	46.1706, 52.8699, 48.8474
YIQ	189.2130, -5.4540, -11.2940

Conversions

Conversions Part 2

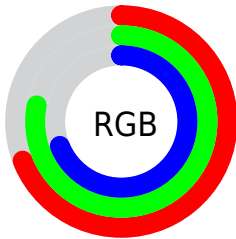
Format	Color
RYB	176, 198, 197
Decimal	11650736
CIELab	77.80, -11.25, 8.62
CIELCh	78, 14.173, 142.564
Yxy	52.8699, 0.3122, 0.3575
Android (android.graphics.Color)	4289840816 (0xFFB1C6B0)
YUV	189.2130, -6.5140, -10.7108
Hunter-Lab	72.7117, -13.9013, 11.0675

Details

The Yxy color $52.8699, 0.3122, 0.3575$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $46.9923, 0.3131, 0.3019$, and the grayscale version is $51.0632, 0.3127, 0.3290$.

A 20% lighter version of the original color is $94.6698, 0.3122, 0.3522$, and $25.6868, 0.3111, 0.3644$ is the 20% darker color. If you saturate the color by 10%, you get $50.0803, 0.3115, 0.3867$, and if you desaturate by 10%, it is $56.0844, 0.3127, 0.3317$.

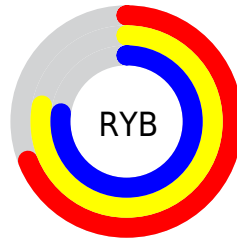
Distribution



Red (69%)

Green (78%)

Blue (69%)



Red (69%)

Yellow (78%)

Blue (77%)

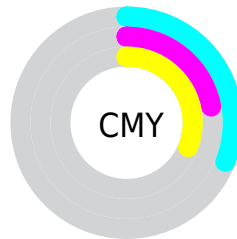


Cyan (11%)

Magenta (0%)

Yellow (11%)

Black (22%)



Cyan (31%)


Magenta (22%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.8699, 0.3122, 0.3575 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 52.8699, 0.3122, 0.3575 by changing the saturation by 10% instead.

 52.8699, 0.3122,
0.3575

 52.8699, 0.3122,
0.3575

397.7858, 0.3126,
0.3433

 37.6989, 0.3121,
0.3610


 94.4129, 0.3124,
0.3523

 25.7491, 0.3119,
0.3656


121.5537, 0.3124,
0.3504

 16.6360, 0.3116,
0.3716


153.4533, 0.3125,
0.3488

 9.9753, 0.3111,
0.3800

190.4959, 0.3125,
0.3474

 5.3826, 0.3103,
0.3925

233.0661, 0.3125,
0.3461

 2.4735, 0.3085,
0.4131

281.5482, 0.3125,

 0.8633, 0.3125,

0.3451

0.4942

336.3267, 0.3126,
0.3441

0.0000, 0.0000,
0.0000

52.8699, 0.3122,
0.3575

52.8699, 0.3122,
0.3575

50.0803, 0.3115,
0.3867

56.0844, 0.3127,
0.3317

47.6914, 0.3107,
0.4189

59.7333, 0.3130,
0.3091

45.6868, 0.3096,
0.4534

63.8345, 0.3132,
0.2895

44.0465, 0.3082,
0.4887

68.3897, 0.3135,
0.2729

42.7485, 0.3067,
0.5227

68.8644, 0.3153,
0.2732

■ 41.7687, 0.3050,
0.5528

■ 41.0795, 0.3033,
0.5764

■ 40.6489, 0.3018,
0.5918

■ 40.4451, 0.3009,
0.5993

Harmonies

Analogous

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



52.8699, 0.3309, 0.3626



52.8699, 0.3122, 0.3575



52.8699, 0.2940, 0.3440

Triad

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



52.8699, 0.3122, 0.3575



52.8699, 0.2811, 0.2998



52.8699, 0.3453, 0.3302

Complementary

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



52.8699, 0.3122, 0.3575



46.9923, 0.3131, 0.3019

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.



52.8699, 0.3312, 0.3145



52.8699, 0.3122, 0.3575



52.8699, 0.2941, 0.2972

Square

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



52.8699, 0.3122, 0.3575



52.8699, 0.2764, 0.3102



52.8699, 0.3123, 0.3026



52.8699, 0.3504, 0.3461

Rectangle

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



52.8699, 0.3122, 0.3575



52.8699, 0.2846, 0.3324



52.8699, 0.3123, 0.3026



52.8699, 0.3415, 0.3248

Sweetspot

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



52.8722, 0.3122, 0.3575



98.1612, 0.3126, 0.3364



55.0230, 0.3293, 0.3548



20.9079, 0.3126, 0.3384



0.0000, 0.0000, 0.0000



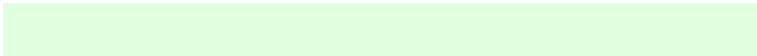
21.4041, 0.3127, 0.3290

Same Dimension

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



52.8722, 0.3122, 0.3575



92.5417, 0.3121, 0.3633



53.1559, 0.3043, 0.3445



11.9115, 0.3123, 0.3528



26.3156, 0.3012, 0.5991



1.2546, 0.3054, 0.5957

Inverse Universe

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



46.9923, 0.3131, 0.3019



80.3451, 0.3131, 0.2967



46.6922, 0.3221, 0.3140



10.7899, 0.3130, 0.3062



9.6636, 0.3092, 0.1477



0.4657, 0.3118, 0.1491

Previews

White Background



This preview shows how the Yxy color 52.8699, 0.3122, 0.3575 looks on a white background.

Color Contrast Check

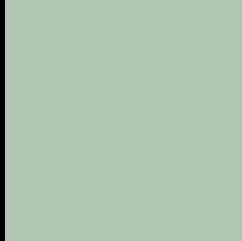
Large Text (above 18pt) WCAG AA × Fail

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 52.8699, 0.3122, 0.3575 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

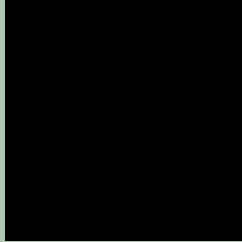
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

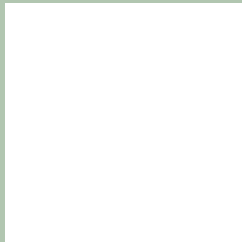
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.8699, 0.3122, 0.3575

Background



This preview shows how black text looks on a background with the Yxy color 52.8699, 0.3122, 0.3575.



This preview shows how white text looks on a background with the Yxy color 52.8699, 0.3122, 0.3575.

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

52.8699, 0.3122, 0.3575

Protanopia

52.5581, 0.3342, 0.3513

Deuteranopia

52.5515, 0.3442, 0.3362



Tritanopia

52.6885, 0.2926, 0.3092

Trichromacy



Original Color

52.8699, 0.3122, 0.3575

Protanomaly

52.8460, 0.3262, 0.3542

Deuteranomaly

52.5978, 0.3321, 0.3438

Tritanomaly

52.7647, 0.2995, 0.3264

Monochromacy



Original Color

52.8699, 0.3122, 0.3575

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

51.4743, 0.3130, 0.3392

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.8699, 0.3122, 0.3575 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(177, 198, 176)` looks like.

```
.text, #text, p{  
    color:rgb(177, 198, 176)  
}
```

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(177, 198, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 198, 176) }
```

Border

The CSS property to change the border of an element to Yxy 52.8699, 0.3122, 0.3575 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(177, 198, 176) }
```

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

```
.border{ border-color:rgb(177, 198, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 198, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 198, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 198, 176);  
box-shadow:4px 4px 4px 4px rgb(177, 198,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 52.8699, 0.3122, 0.3575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 198, 176) }
```

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

```
.background{ background-color: rgb(177,  
198, 176) }
```

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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