

Converting Colors

$Yxy(52.7821, 0.3233, 0.3785)$

Have a look what the booklet for
Yxy(52.7821, 0.3233, 0.3785)
contains.

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Color

Yxy(52.7672, 0.3230, 0.3788)

Conversions

Conversions Part 1

Format	Color
Hex	B1C7A1
RGB	177, 199, 161
RGB Percent	69%, 78%, 63%
CMY	0.3058, 0.2196, 0.3686
CMYK	0.11, 0.00, 0.19, 0.22
HSL	95°, 25%, 71%
HSV	95°, 19%, 78%
XYZ	44.9942, 52.7672, 41.5395
YIQ	188.0900, -0.9140, -16.4820

Conversions

Conversions Part 2

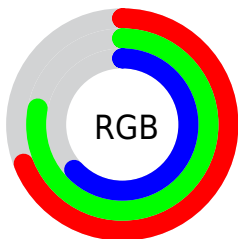
Format	Color
RYB	161, 199, 183
Decimal	11650977
CIELab	77.74, -14.36, 16.56
CIELCh	78, 21.920, 130.925
Yxy	52.7672, 0.3230, 0.3788
Android (android.graphics.Color)	4289841057 (0xFFB1C7A1)
YUV	188.0900, -13.3554, -9.7259
Hunter-Lab	72.6410, -16.5581, 16.9439

Details

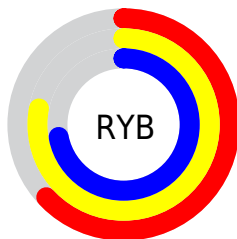
The Yxy color $52.7672, 0.3230, 0.3788$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $39.6847, 0.3005, 0.2800$, and the grayscale version is $50.4254, 0.3127, 0.3290$.

A 20% lighter version of the original color is $93.8015, 0.3215, 0.3688$, and $25.6400, 0.3254, 0.3936$ is the 20% darker color. If you saturate the color by 10%, you get $50.8269, 0.3280, 0.4079$, and if you desaturate by 10%, it is $54.9378, 0.3177, 0.3517$.

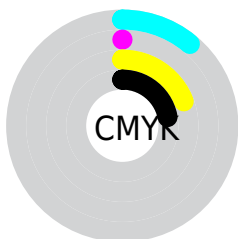
Distribution



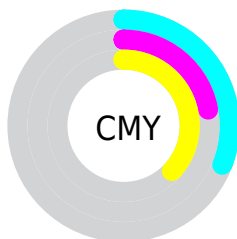
- Red (69%)
- Green (78%)
- Blue (63%)



- Red (63%)
- Yellow (78%)
- Blue (72%)



- Cyan (11%)
- Magenta (0%)
- Yellow (19%)
- Black (22%)





- Cyan (31%)
- Magenta (22%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.7672, 0.3230, 0.3788 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 52.7672, 0.3230, 0.3788 by changing the saturation by 10% instead.


 52.7672, 0.3230,
0.3788

 52.7672, 0.3230,
0.3788


397.3913, 0.3183,
0.3538

 37.6170, 0.3240,
0.3851


 94.2617, 0.3214,
0.3697

 25.6855, 0.3253,
0.3931


 121.3748, 0.3208,
0.3663

 16.5885, 0.3268,
0.4039

153.2442, 0.3202,
0.3634

 9.9416, 0.3286,
0.4188

190.2545, 0.3197,
0.3609

 5.3602, 0.3306,
0.4411

232.7899, 0.3193,
0.3588

 2.4601, 0.3322,
0.4775

281.2350, 0.3189,

 0.8566, 0.3512,

0.3569

0.6488

335.9740, 0.3186,
0.3553

0.0000, 0.0000,
0.0000

52.7672, 0.3230,
0.3788

52.7672, 0.3230,
0.3788

50.8269, 0.3280,
0.4079

54.9378, 0.3177,
0.3517

49.1020, 0.3323,
0.4384

57.3395, 0.3122,
0.3268

47.5862, 0.3356,
0.4693

59.9818, 0.3068,
0.3044

46.2701, 0.3375,
0.4991

62.8716, 0.3016,
0.2844

45.1438, 0.3376,
0.5263

65.6551, 0.3003,
0.2716

■ 44.1960, 0.3357,
0.5492

■ 67.6732, 0.3087,
0.2731

■ 43.4139, 0.3319,
0.5665

■ 69.3249, 0.3153,
0.2742

■ 42.7782, 0.3267,
0.5782

■ 42.7253, 0.3263,
0.5791

Harmonies

Analogous

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



52.7672, 0.3503, 0.3801



52.7672, 0.3230, 0.3788



52.7672, 0.2939, 0.3621

Triad

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



52.7672, 0.3230, 0.3788



52.7672, 0.2600, 0.2887



52.7672, 0.3562, 0.3208

Complementary

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



52.7672, 0.3230, 0.3788



39.6847, 0.3005, 0.2800

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.



52.7672, 0.3302, 0.2990



52.7672, 0.3230, 0.3788



52.7672, 0.2750, 0.2806

Square

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



52.7672, 0.3230, 0.3788



52.7672, 0.2584, 0.3083



52.7672, 0.3003, 0.2845



52.7672, 0.3703, 0.3453

Rectangle

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



52.7672, 0.3230, 0.3788



52.7672, 0.2773, 0.3448



52.7672, 0.3003, 0.2845



52.7672, 0.3485, 0.3130

Sweetspot

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



52.7695, 0.3230, 0.3788



97.4136, 0.3160, 0.3440



48.3924, 0.3448, 0.3563



20.7922, 0.3164, 0.3456



0.0000, 0.0000, 0.0000



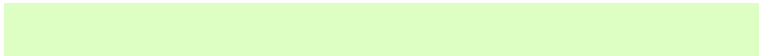
21.4041, 0.3127, 0.3290

Same Dimension

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



52.7695, 0.3230, 0.3788



90.9061, 0.3252, 0.3910



51.0879, 0.3085, 0.3772



12.1027, 0.3178, 0.3524



27.5238, 0.3273, 0.5784



1.3457, 0.3441, 0.5650

Inverse Universe

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



39.6847, 0.3005, 0.2800



63.7258, 0.2972, 0.2683



41.6443, 0.3171, 0.2851



10.5853, 0.3072, 0.3058



5.0518, 0.2193, 0.0982



0.2812, 0.2402, 0.1097

Previews

White Background



This preview shows how the Yxy color 52.7672, 0.3230, 0.3788 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 52.7672, 0.3230, 0.3788 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

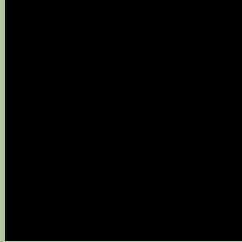
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.7672, 0.3230, 0.3788

Background



This preview shows how black text looks on a background with the Yxy color 52.7672, 0.3230, 0.3788.



This preview shows how white text looks on a background with the Yxy color 52.7672, 0.3230, 0.3788.

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

52.7672, 0.3230, 0.3788

Protanopia

52.3924, 0.3496, 0.3712

Deuteranopia

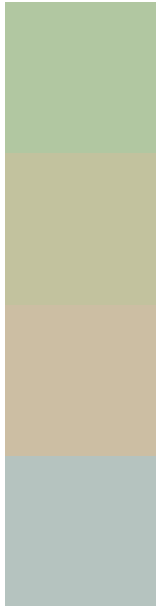
52.5939, 0.3604, 0.3539



Tritanopia

52.8843, 0.2948, 0.3105

Trichromacy



Original Color

52.7672, 0.3230, 0.3788

Protanomaly

52.5215, 0.3403, 0.3746

Deuteranomaly

52.3086, 0.3459, 0.3624

Tritanomaly

52.6156, 0.3046, 0.3340

Monochromacy



Original Color

52.7672, 0.3230, 0.3788

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

51.1040, 0.3168, 0.3470

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.7672, 0.3230, 0.3788 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, 199, 161)` looks like.

```
.text, #text, p{  
    color:rgb(177, 199, 161)  
}
```

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, 199, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 199, 161) }
```

Border

The CSS property to change the border of an element to Yxy 52.7672, 0.3230, 0.3788 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, 199, 161) }
```

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

```
.border{ border-color:rgb(177, 199, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 199, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 199, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 199, 161);  
box-shadow:4px 4px 4px 4px rgb(177, 199,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 52.7672, 0.3230, 0.3788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 199, 161) }
```

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

```
.background{ background-color: rgb(177,  
199, 161) }
```

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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