

Converting Colors

$Yxy(52.0781, 0.3260, 0.3453)$

Have a look what the booklet for
Yxy(52.0781, 0.3260, 0.3453)
contains.

Yxy(52.0781, 0.3260, 0.3453)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(52.0781, 0.3260, 0.3453)

Conversions

Conversions Part 1

Format	Color
Hex	C3BFB2
RGB	195, 191, 178
RGB Percent	76%, 75%, 70%
CMY	0.2354, 0.2509, 0.3020
CMYK	0.00, 0.02, 0.09, 0.24
HSL	46°, 12%, 73%
HSV	46°, 9%, 76%
XYZ	49.1673, 52.0781, 49.5745
YIQ	190.7140, 6.5570, -3.1950

Conversions

Conversions Part 2

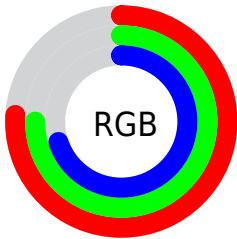
Format	Color
RYB	183, 195, 178
Decimal	12828594
CIELab	77.33, -0.90, 7.05
CIELCh	77, 7.105, 97.275
Yxy	52.0781, 0.3260, 0.3453
Android (android.graphics.Color)	4291018674 (0xFFC3BFB2)
YUV	190.7140, -6.2680, 3.7588
Hunter-Lab	72.1652, -4.6741, 9.7858

Details

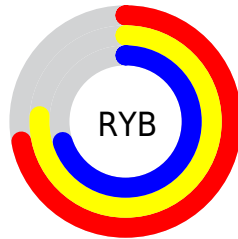
The Yxy color **52.0781, 0.3260, 0.3453** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.8413, 0.2994, 0.3122**, and the grayscale version is **51.9594, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.1575, 0.3238, 0.3418**, and **25.3203, 0.3296, 0.3510** is the 20% darker color. If you saturate the color by 10%, you get **49.3971, 0.3424, 0.3647**, and if you desaturate by 10%, it is **54.9367, 0.3108, 0.3267**.

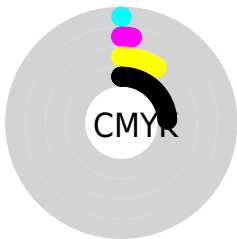
Distribution



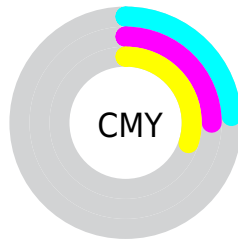
- Red (76%)
- Green (75%)
- Blue (70%)



- Red (72%)
- Yellow (76%)
- Blue (70%)



- Cyan (0%)
- Magenta (2%)
- Yellow (9%)
- Black (24%)



- Cyan (24%)
- Magenta (25%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.0781, 0.3260, 0.3453 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 52.0781, 0.3260, 0.3453 by changing the saturation by 10% instead.

■ 52.0781, 0.3260,
0.3453

■ 52.0781, 0.3260,
0.3453

394.7380, 0.3195,
0.3373

■ 37.0673, 0.3276,
0.3473

■ 93.2464, 0.3237,
0.3424

■ 25.2596, 0.3296,
0.3498

120.1727, 0.3228,
0.3413

■ 16.2706, 0.3323,
0.3531

151.8397, 0.3220,
0.3404

■ 9.7158, 0.3359,
0.3576

188.6317, 0.3214,
0.3396

■ 5.2110, 0.3412,
0.3642

230.9332, 0.3208,
0.3389

■ 2.3716, 0.3496,
0.3748

279.1284, 0.3203,

■ 0.8112, 0.3840,

0.3383

0.4158

333.6019, 0.3199,
0.3378

0.0000, 0.0000,
0.0000

52.0781, 0.3260,
0.3453

52.0781, 0.3260,
0.3453

49.3971, 0.3424,
0.3647

54.9367, 0.3108,
0.3267

46.8816, 0.3598,
0.3846

57.9710, 0.2970,
0.3091

44.5284, 0.3780,
0.4041

61.1881, 0.2844,
0.2927

42.3314, 0.3964,
0.4226

64.5288, 0.2737,
0.2786

40.2843, 0.4143,
0.4390

66.7977, 0.2741,
0.2837

■ 38.3799, 0.4310,
0.4524

■ 69.1310, 0.2745,
0.2889

■ 36.6101, 0.4456,
0.4617

■ 71.5292, 0.2750,
0.2940

■ 34.9656, 0.4575,
0.4664

■ 73.9928, 0.2754,
0.2990

■ 33.4314, 0.4667,
0.4668

■ 76.5222, 0.2758,
0.3041

Harmonies

Analogous

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



52.0781, 0.3309, 0.3412



52.0781, 0.3260, 0.3453



52.0781, 0.3175, 0.3450

Triad

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



52.0781, 0.3260, 0.3453



52.0781, 0.2949, 0.3237



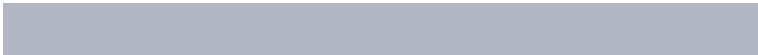
52.0781, 0.3174, 0.3181

Complementary

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



52.0781, 0.3260, 0.3453



46.8413, 0.2994, 0.3122

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.



52.0781, 0.3077, 0.3136



52.0781, 0.3260, 0.3453



52.0781, 0.2948, 0.3166

Square

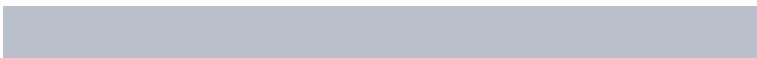
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



52.0781, 0.3260, 0.3453



52.0781, 0.2996, 0.3324



52.0781, 0.2995, 0.3130



52.0781, 0.3259, 0.3255

Rectangle

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



52.0781, 0.3260, 0.3453



52.0781, 0.3111, 0.3423



52.0781, 0.2995, 0.3130



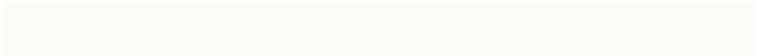
52.0781, 0.3142, 0.3162

Sweetspot

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



52.0804, 0.3260, 0.3453



96.1603, 0.3172, 0.3346



46.8236, 0.3241, 0.3237



20.9665, 0.3185, 0.3361



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.



52.0804, 0.3260, 0.3453



92.5873, 0.3283, 0.3481



53.2763, 0.3220, 0.3504



11.3468, 0.3270, 0.3465



21.7423, 0.4671, 0.4674



1.0388, 0.4543, 0.4774

Inverse Universe

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



46.8413, 0.2994, 0.3122



81.7549, 0.2971, 0.3092



45.7503, 0.3029, 0.3072



10.1212, 0.2983, 0.3108



3.9158, 0.1576, 0.0871



0.2787, 0.1698, 0.1312

Previews

White Background



This preview shows how the Yxy color 52.0781, 0.3260, 0.3453 looks on a white background.

Color Contrast Check

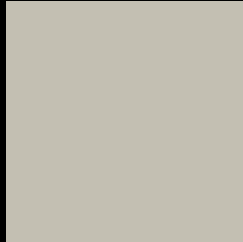
Large Text (above 18pt) WCAG AA × Fail

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 52.0781, 0.3260, 0.3453 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

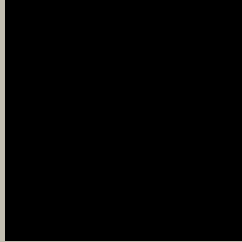
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

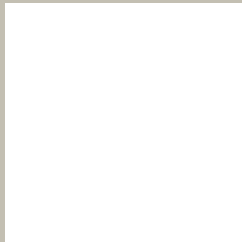
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.0781, 0.3260, 0.3453

Background



This preview shows how black text looks on a background with the Yxy color 52.0781, 0.3260, 0.3453.



This preview shows how white text looks on a background with the Yxy color 52.0781, 0.3260, 0.3453.

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

52.0781, 0.3260, 0.3453

Protanopia

51.9116, 0.3278, 0.3440

Deuteranopia

51.8318, 0.3427, 0.3350



Tritanopia

51.8107, 0.3103, 0.3108

Trichromacy



Original Color

52.0781, 0.3260, 0.3453

Protanomaly

51.7770, 0.3270, 0.3440

Deuteranomaly

52.0607, 0.3360, 0.3388

Tritanomaly

51.6870, 0.3163, 0.3229

Monochromacy



Original Color

52.0781, 0.3260, 0.3453

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

52.0132, 0.3173, 0.3353

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.0781, 0.3260, 0.3453 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(195, 191, 178)` looks like.

```
.text, #text, p{  
    color:rgb(195, 191, 178)  
}
```

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(195, 191, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 191, 178) }
```

Border

The CSS property to change the border of an element to Yxy 52.0781, 0.3260, 0.3453 is called "border". The border property can be set on classes, ids or directly on the HTML element.

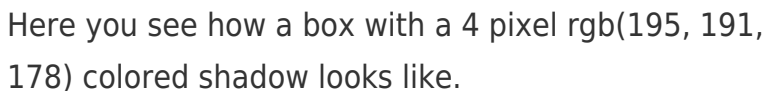
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(195, 191, 178) }
```

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

```
.border{ border-color:rgb(195, 191, 178) }
```

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



Here you see how a box with a 4 pixel `rgb(195, 191, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 191, 178); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 191, 178); box-shadow:4px 4px 4px 4px rgb(195, 191, 178) }
```


Background

The CSS property to change the background color of an element to Yxy 52.0781, 0.3260, 0.3453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 191, 178) }
```

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

```
.background{ background-color: rgb(195,  
191, 178) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor