

Converting Colors

$Yxy(52.3583, 0.3125, 0.3532)$

Have a look what the booklet for
Yxy(52.3583, 0.3125, 0.3532)
contains.

Yxy(52.2779, 0.3124, 0.3523)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(52.2779, 0.3124, 0.3523)

Conversions

Conversions Part 1

Format	Color
Hex	B3C4B2
RGB	179, 196, 178
RGB Percent	70%, 77%, 70%
CMY	0.2982, 0.2313, 0.3020
CMYK	0.09, 0.00, 0.09, 0.23
HSL	117°, 13%, 73%
HSV	117°, 9%, 77%
XYZ	46.3571, 52.2779, 49.7553
YIQ	188.8650, -4.3540, -9.2020

Conversions

Conversions Part 2

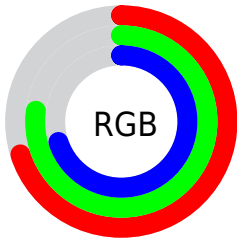
Format	Color
RYB	178, 196, 195
Decimal	11781298
CIELab	77.45, -9.21, 7.07
CIElCh	77, 11.610, 142.503
Yxy	52.2779, 0.3124, 0.3523
Android (android.graphics.Color)	4289971378 (0xFFB3C4B2)
YUV	188.8650, -5.3564, -8.6516
Hunter-Lab	72.3035, -12.0864, 9.8123

Details

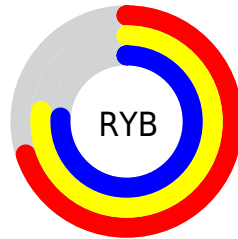
The Yxy color $52.2779, 0.3124, 0.3523$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $47.4262, 0.3129, 0.3066$, and the grayscale version is $50.8375, 0.3127, 0.3290$.

A 20% lighter version of the original color is $93.8532, 0.3124, 0.3481$, and $25.2623, 0.3124, 0.3590$ is the 20% darker color. If you saturate the color by 10%, you get $49.4865, 0.3119, 0.3808$, and if you desaturate by 10%, it is $55.4832, 0.3127, 0.3271$.

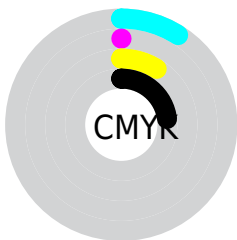
Distribution



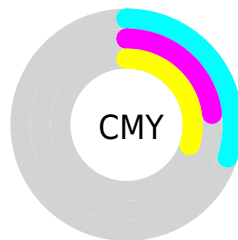
- Red (70%)
- Green (77%)
- Blue (70%)



- Red (70%)
- Yellow (77%)
- Blue (76%)



- Cyan (9%)
- Magenta (0%)
- Yellow (9%)
- Black (23%)





- Cyan (30%)
- Magenta (23%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.2779, 0.3124, 0.3523 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 52.2779, 0.3124, 0.3523 by changing the saturation by 10% instead.


 52.2779, 0.3124,
0.3523

 52.2779, 0.3124,
0.3523

395.5085, 0.3126,
0.3407

 37.2266, 0.3123,
0.3552


 93.5410, 0.3125,
0.3481

 25.3830, 0.3122,
0.3589


120.5215, 0.3125,
0.3465

 16.3626, 0.3120,
0.3638


152.2473, 0.3126,
0.3452

 9.7811, 0.3117,
0.3706

189.1027, 0.3126,
0.3440

 5.2541, 0.3111,
0.3808

231.4722, 0.3126,
0.3430

 2.3971, 0.3100,
0.3976

279.7400, 0.3126,

 0.8244, 0.3127,

0.3422


0.4614


334.2907, 0.3126,
0.3414

 0.0000, 0.0000,
0.0000


 52.2779, 0.3124,
0.3523


 52.2779, 0.3124,
0.3523


 49.4865, 0.3119,
0.3808


 55.4832, 0.3127,
0.3271


 47.0858, 0.3112,
0.4124


 59.1113, 0.3129,
0.3051

 45.0604, 0.3102,
0.4465

 63.1791, 0.3130,
0.2861

 43.3913, 0.3089,
0.4817

 67.6111, 0.3140,
0.2710

 42.0578, 0.3074,
0.5161

 67.9678, 0.3154,
0.2713

■ 41.0373, 0.3058,
0.5471

■ 40.3041, 0.3040,
0.5721

■ 39.8286, 0.3023,
0.5892

■ 39.5703, 0.3011,
0.5986

Harmonies

Analogous

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



52.2779, 0.3278, 0.3565



52.2779, 0.3124, 0.3523



52.2779, 0.2974, 0.3413

Triad

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



52.2779, 0.3124, 0.3523



52.2779, 0.2866, 0.3050



52.2779, 0.3395, 0.3301

Complementary

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



52.2779, 0.3124, 0.3523



47.4262, 0.3129, 0.3066

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.



52.2779, 0.3279, 0.3170



52.2779, 0.3124, 0.3523



52.2779, 0.2974, 0.3027

Square

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



52.2779, 0.3124, 0.3523



52.2779, 0.2827, 0.3137



52.2779, 0.3124, 0.3072



52.2779, 0.3437, 0.3432

Rectangle

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



52.2779, 0.3124, 0.3523



52.2779, 0.2896, 0.3319



52.2779, 0.3124, 0.3072



52.2779, 0.3363, 0.3256

Sweetspot

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



52.2801, 0.3124, 0.3523



98.1706, 0.3126, 0.3364



53.8991, 0.3264, 0.3499



20.9105, 0.3126, 0.3384



0.0000, 0.0000, 0.0000



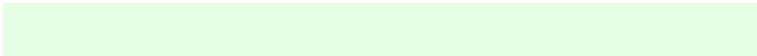
21.4041, 0.3127, 0.3290

Same Dimension

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



52.2801, 0.3124, 0.3523



93.6346, 0.3123, 0.3577



52.4869, 0.3060, 0.3421



11.2843, 0.3124, 0.3527



25.4238, 0.3014, 0.5989



1.1077, 0.3064, 0.5949

Inverse Universe

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



47.4262, 0.3129, 0.3066



83.1032, 0.3130, 0.3018



47.2103, 0.3201, 0.3163



10.2188, 0.3129, 0.3063



9.2296, 0.3075, 0.1468



0.4074, 0.3107, 0.1485

Previews

White Background



This preview shows how the Yxy color 52.2779, 0.3124, 0.3523 looks on a white background.

Color Contrast Check

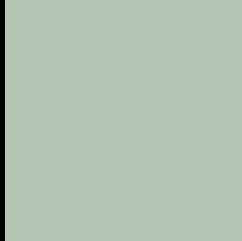
Large Text (above 18pt) WCAG AA × Fail

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 52.2779, 0.3124, 0.3523 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

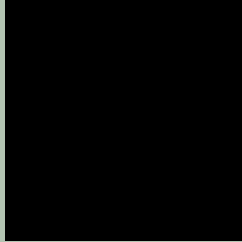
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

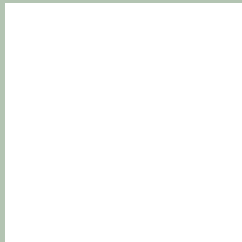
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.2779, 0.3124, 0.3523

Background



This preview shows how black text looks on a background with the Yxy color 52.2779, 0.3124, 0.3523.



This preview shows how white text looks on a background with the Yxy color 52.2779, 0.3124, 0.3523.

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

52.2779, 0.3124, 0.3523

Protanopia

51.9278, 0.3311, 0.3477

Deuteranopia

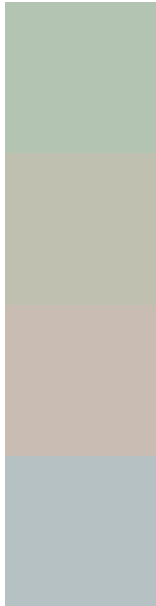
52.2894, 0.3416, 0.3350



Tritanopia

52.3946, 0.2955, 0.3104

Trichromacy



Original Color

52.2779, 0.3124, 0.3523

Protanomaly

51.9102, 0.3241, 0.3492

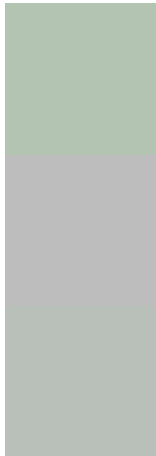
Deuteranomaly

52.0674, 0.3306, 0.3414

Tritanomaly

52.0705, 0.3018, 0.3252

Monochromacy



Original Color

52.2779, 0.3124, 0.3523

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

51.5163, 0.3123, 0.3379

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.2779, 0.3124, 0.3523 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(179, 196, 178)` looks like.

```
.text, #text, p{  
    color:rgb(179, 196, 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(179, 196, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 196, 178) }
```

Border

The CSS property to change the border of an element to Yxy 52.2779, 0.3124, 0.3523 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(179, 196, 178) }
```

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

```
.border{ border-color:rgb(179, 196, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 196, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 196, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 196, 178);  
box-shadow:4px 4px 4px 4px rgb(179, 196,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 52.2779, 0.3124, 0.3523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 196, 178) }
```

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

```
.background{ background-color: rgb(179,  
196, 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