

Converting Colors

$Y_{xy}(52.2736, 0.3124, 0.3367)$

Have a look what the booklet for
Yxy(52.2736, 0.3124, 0.3367)
contains.

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Color

Yxy(52.2926, 0.3124, 0.3366)

Conversions

Conversions Part 1

Format	Color
Hex	BBC1BB
RGB	187, 193, 187
RGB Percent	73%, 76%, 73%
CMY	0.2666, 0.2431, 0.2668
CMYK	0.03, 0.00, 0.03, 0.24
HSL	120°, 5%, 75%
HSV	120°, 3%, 76%
XYZ	48.5330, 52.2926, 54.5297
YIQ	190.5220, -1.6500, -3.1380

Conversions

Conversions Part 2

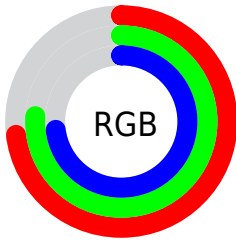
Format	Color
RYB	187, 193, 193
Decimal	12304827
CIELab	77.46, -3.18, 2.30
CIELCh	77, 3.931, 144.112
Yxy	52.2926, 0.3124, 0.3366
Android (android.graphics.Color)	4290494907 (0xFFBBC1BB)
YUV	190.5220, -1.7363, -3.0888
Hunter-Lab	72.3136, -6.7493, 5.9106

Details

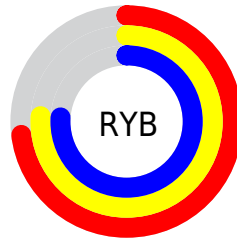
The Yxy color **52.2926, 0.3124, 0.3366** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.7082, 0.3130, 0.3215**, and the grayscale version is **51.8216, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.2771, 0.3124, 0.3349**, and **25.5457, 0.3122, 0.3392** is the 20% darker color. If you saturate the color by 10%, you get **49.2676, 0.3113, 0.3632**, and if you desaturate by 10%, it is **55.7549, 0.3134, 0.3134**.

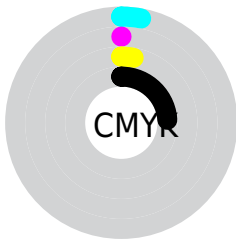
Distribution



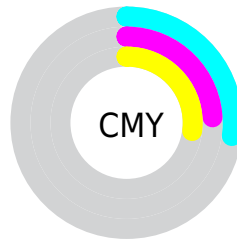
- Red (73%)
- Green (76%)
- Blue (73%)



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



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





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

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.2926, 0.3124, 0.3366 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 52.2926, 0.3124, 0.3366 by changing the saturation by 10% instead.


 52.2926, 0.3124,
0.3366

 52.2926, 0.3124,
0.3366


395.5652, 0.3126,
0.3329

 37.2384, 0.3124,
0.3375


 93.5626, 0.3125,
0.3353

 25.3921, 0.3123,
0.3387


120.5472, 0.3125,
0.3347

 16.3694, 0.3122,
0.3402


152.2773, 0.3125,
0.3343

 9.7859, 0.3121,
0.3424

189.1374, 0.3125,
0.3339

 5.2573, 0.3119,
0.3455

231.5118, 0.3125,
0.3336

 2.3990, 0.3116,
0.3506

279.7850, 0.3125,

 0.8254, 0.3114,

0.3333

0.3636

334.3413, 0.3126,
0.3331

0.0000, 0.0000,
0.0000

52.2926, 0.3124,
0.3366

52.2926, 0.3124,
0.3366

49.2676, 0.3113,
0.3632

55.7549, 0.3134,
0.3134

46.6561, 0.3100,
0.3931

59.6639, 0.3142,
0.2934

44.4423, 0.3086,
0.4261

64.0371, 0.3149,
0.2762

42.6067, 0.3070,
0.4612

66.6215, 0.3156,
0.2683

41.1280, 0.3054,
0.4968

■ 39.9832, 0.3038,
0.5304

■ 39.1462, 0.3024,
0.5594

■ 38.5873, 0.3012,
0.5813

■ 38.2708, 0.3004,
0.5946

Harmonies

Analogous

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



52.2926, 0.3176, 0.3382



52.2926, 0.3124, 0.3366



52.2926, 0.3073, 0.3329

Triad

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



52.2926, 0.3124, 0.3366



52.2926, 0.3040, 0.3208



52.2926, 0.3219, 0.3297

Complementary

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



52.2926, 0.3124, 0.3366



50.7082, 0.3130, 0.3215

Split Complementary

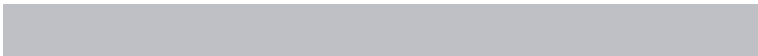
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



52.2926, 0.3181, 0.3252



52.2926, 0.3124, 0.3366



52.2926, 0.3078, 0.3200

Square

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



52.2926, 0.3124, 0.3366



52.2926, 0.3025, 0.3237



52.2926, 0.3130, 0.3216



52.2926, 0.3231, 0.3342

Rectangle

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



52.2926, 0.3124, 0.3366



52.2926, 0.3047, 0.3298



52.2926, 0.3130, 0.3216



52.2926, 0.3209, 0.3282

Sweetspot

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



52.2948, 0.3124, 0.3366



94.9002, 0.3126, 0.3314



53.0214, 0.3173, 0.3364



20.3658, 0.3126, 0.3313



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.



52.2948, 0.3124, 0.3366



93.1177, 0.3123, 0.3389



52.4147, 0.3102, 0.3329



11.5848, 0.3122, 0.3405



25.3762, 0.3002, 0.5998



1.0978, 0.3010, 0.5992

Inverse Universe

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



50.7082, 0.3130, 0.3215



89.4497, 0.3131, 0.3193



50.5859, 0.3153, 0.3251



11.0587, 0.3132, 0.3177



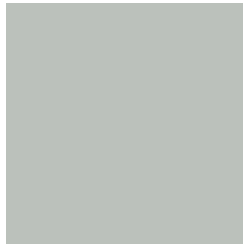
9.9637, 0.3189, 0.1530



0.4319, 0.3194, 0.1533

Previews

White Background



This preview shows how the Yxy color 52.2926, 0.3124, 0.3366 looks on a white background.

Color Contrast Check

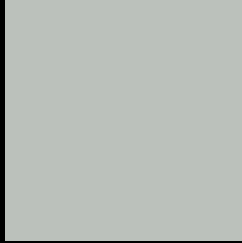
Large Text (above 18pt) WCAG AA × Fail

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 52.2926, 0.3124, 0.3366 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

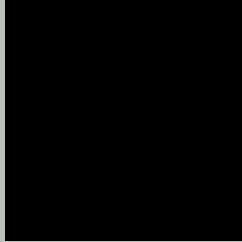
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

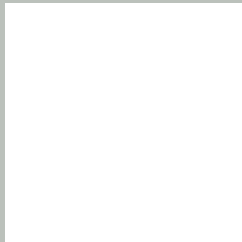
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.2926, 0.3124, 0.3366

Background



This preview shows how black text looks on a background with the Yxy color 52.2926, 0.3124, 0.3366.



This preview shows how white text looks on a background with the Yxy color 52.2926, 0.3124, 0.3366.

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

52.2926, 0.3124, 0.3366

Protanopia

52.0655, 0.3215, 0.3352

Deuteranopia

52.2209, 0.3316, 0.3243



Tritanopia

52.1818, 0.3016, 0.3106

Trichromacy



Original Color

52.2926, 0.3124, 0.3366

Protanomaly

52.1442, 0.3182, 0.3352

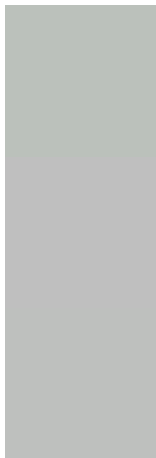
Deuteranomaly

52.1538, 0.3244, 0.3290

Tritanomaly

52.1576, 0.3059, 0.3203

Monochromacy



Original Color

52.2926, 0.3124, 0.3366

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

52.3641, 0.3126, 0.3315

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.2926, 0.3124, 0.3366 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, 193, 187)` looks like.

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

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, 193, 187) colored shadow looks like.

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

Border

The CSS property to change the border of an element to Yxy 52.2926, 0.3124, 0.3366 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, 193, 187) }
```

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

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

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

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

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


Background

The CSS property to change the background color of an element to Yxy 52.2926, 0.3124, 0.3366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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