

Converting Colors

Yxy(50.9772, 0.3174, 0.3340)

Have a look what the booklet for
Yxy(50.9772, 0.3174, 0.3340)
contains.

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Color

Yxy(50.9743, 0.3174, 0.3340)

Conversions

Conversions Part 1

Format	Color
Hex	BFBDDB9
RGB	191, 189, 185
RGB Percent	75%, 74%, 73%
CMY	0.2510, 0.2588, 0.2744
CMYK	0.00, 0.01, 0.03, 0.25
HSL	40°, 4%, 74%
HSV	40°, 3%, 75%
XYZ	48.4408, 50.9743, 53.2025
YIQ	189.1420, 2.4760, -0.8200

Conversions

Conversions Part 2

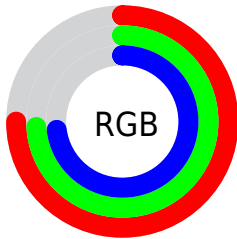
Format	Color
RYB	188, 191, 185
Decimal	12565945
CIELab	76.66, -0.02, 2.24
CIELCh	77, 2.238, 90.612
Yxy	50.9743, 0.3174, 0.3340
Android (android.graphics.Color)	4290756025 (0xFFFBFBDB9)
YUV	189.1420, -2.0420, 1.6295
Hunter-Lab	71.3963, -3.8351, 5.7962

Details

The Yxy color **50.9743, 0.3174, 0.3340** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.6276, 0.3081, 0.3239**, and the grayscale version is **50.9865, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.4298, 0.3164, 0.3330**, and **24.6775, 0.3191, 0.3358** is the 20% darker color. If you saturate the color by 10%, you get **47.5454, 0.3335, 0.3506**, and if you desaturate by 10%, it is **54.6361, 0.3029, 0.3183**.

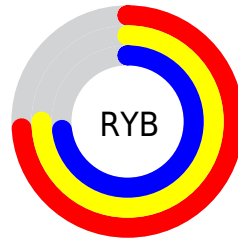
Distribution



Red (75%)

Green (74%)

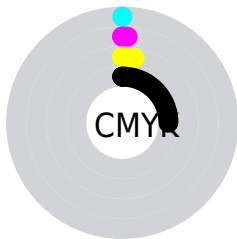
Blue (73%)



Red (74%)

Yellow (75%)

Blue (73%)

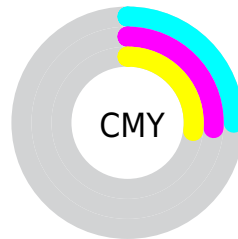


Cyan (0%)

Magenta (1%)

Yellow (3%)

Black (25%)



Cyan (25%)

Magenta (26%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.9743, 0.3174, 0.3340 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 50.9743, 0.3174, 0.3340 by changing the saturation by 10% instead.

■ 50.9743, 0.3174,
0.3340

■ 50.9743, 0.3174,
0.3340

390.4639, 0.3151,
0.3315

■ 36.1882, 0.3180,
0.3346

■ 91.6168, 0.3166,
0.3331

■ 24.5795, 0.3187,
0.3354

118.2419, 0.3163,
0.3328

■ 15.7641, 0.3196,
0.3364

149.5822, 0.3160,
0.3325

■ 9.3574, 0.3210,
0.3378

186.0219, 0.3158,
0.3323

■ 4.9750, 0.3229,
0.3398

227.9456, 0.3156,
0.3320

■ 2.2326, 0.3260,
0.3432

275.7375, 0.3154,

■ 0.7377, 0.3360,

0.3319

0.3538

329.7822, 0.3152,
0.3317

0.0000, 0.0000,
0.0000

50.9743, 0.3174,
0.3340

50.9743, 0.3174,
0.3340

47.5454, 0.3335,
0.3506

54.6361, 0.3029,
0.3183

44.3370, 0.3511,
0.3679

58.5296, 0.2900,
0.3037

41.3451, 0.3702,
0.3854

62.6625, 0.2784,
0.2901

38.5632, 0.3905,
0.4025

66.6188, 0.2717,
0.2842

35.9844, 0.4115,
0.4183

69.9116, 0.2724,
0.2914

■ 33.6012, 0.4323,
0.4318

■ 73.3317, 0.2730,
0.2986

■ 31.4054, 0.4521,
0.4418

■ 76.8805, 0.2736,
0.3057

■ 29.3876, 0.4698,
0.4475

■ 80.5593, 0.2743,
0.3127

■ 27.5371, 0.4846,
0.4482

■ 84.3695, 0.2749,
0.3196

Harmonies

Analogous

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



50.9743, 0.3186, 0.3325



50.9743, 0.3174, 0.3340



50.9743, 0.3149, 0.3342

Triad

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



50.9743, 0.3174, 0.3340



50.9743, 0.3072, 0.3280



50.9743, 0.3136, 0.3251

Complementary

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



50.9743, 0.3174, 0.3340



49.6276, 0.3081, 0.3239

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.



50.9743, 0.3105, 0.3239



50.9743, 0.3174, 0.3340



50.9743, 0.3069, 0.3255

Square

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



50.9743, 0.3174, 0.3340



50.9743, 0.3091, 0.3307



50.9743, 0.3081, 0.3241



50.9743, 0.3164, 0.3273

Rectangle

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



50.9743, 0.3174, 0.3340



50.9743, 0.3129, 0.3335



50.9743, 0.3081, 0.3241



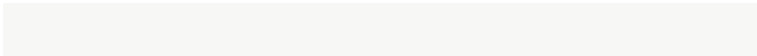
50.9743, 0.3125, 0.3246

Sweetspot

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



50.9765, 0.3174, 0.3340



92.6549, 0.3142, 0.3306



49.3755, 0.3162, 0.3265



20.3533, 0.3141, 0.3305



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.



50.9765, 0.3174, 0.3340



90.7128, 0.3188, 0.3355



51.7078, 0.3164, 0.3365



10.9200, 0.3198, 0.3365



17.4705, 0.4921, 0.4474



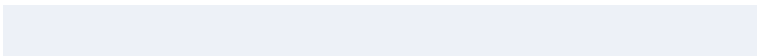
0.7999, 0.4706, 0.4645

Inverse Universe

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



49.6276, 0.3081, 0.3239



87.5840, 0.3066, 0.3224



48.9153, 0.3089, 0.3214



10.4868, 0.3057, 0.3214



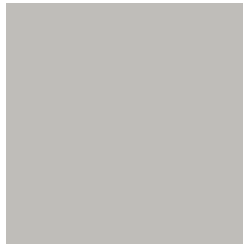
4.9882, 0.1639, 0.1099



0.3181, 0.1779, 0.1605

Previews

White Background



This preview shows how the Yxy color 50.9743, 0.3174, 0.3340 looks on a white background.

Color Contrast Check

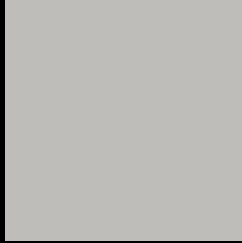
Large Text (above 18pt) WCAG AA × Fail

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 50.9743, 0.3174, 0.3340 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

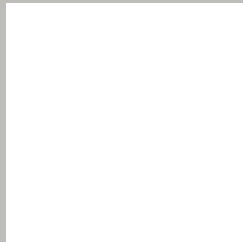
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.9743, 0.3174, 0.3340

Background



This preview shows how black text looks on a background with the Yxy color 50.9743, 0.3174, 0.3340.



This preview shows how white text looks on a background with the Yxy color 50.9743, 0.3174, 0.3340.

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

50.9743, 0.3174, 0.3340

Protanopia

50.8067, 0.3192, 0.3328

Deuteranopia

50.8220, 0.3318, 0.3254



Tritanopia

51.0952, 0.3070, 0.3118

Trichromacy



Original Color

50.9743, 0.3174, 0.3340

Protanomaly

50.6757, 0.3184, 0.3328

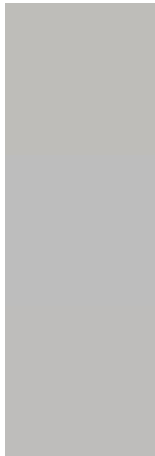
Deuteranomaly

50.7997, 0.3263, 0.3278

Tritanomaly

51.1130, 0.3107, 0.3203

Monochromacy



Original Color

50.9743, 0.3174, 0.3340

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

50.9732, 0.3143, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.9743, 0.3174, 0.3340 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(191, 189, 185)` looks like.

```
.text, #text, p{  
    color:rgb(191, 189, 185)  
}
```

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(191, 189, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 189, 185) }
```

Border

The CSS property to change the border of an element to Yxy 50.9743, 0.3174, 0.3340 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(191, 189, 185) }
```

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

```
.border{ border-color:rgb(191, 189, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 189, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 189, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 189, 185);  
box-shadow:4px 4px 4px 4px rgb(191, 189,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 50.9743, 0.3174, 0.3340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 189, 185) }
```

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

```
.background{ background-color: rgb(191,  
189, 185) }
```

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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