

Converting Colors

Yxy(50.2332, 0.3308, 0.3321)

Have a look what the booklet for
Yxy(50.2332, 0.3308, 0.3321)
contains.

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Color

Yxy(50.3137, 0.3314, 0.3327)

Conversions

Conversions Part 1

Format	Color
Hex	CBB8B5
RGB	203, 184, 181
RGB Percent	80%, 72%, 71%
CMY	0.2038, 0.2785, 0.2901
CMYK	0.00, 0.09, 0.11, 0.20
HSL	8°, 17%, 75%
HSV	8°, 11%, 80%
XYZ	50.1171, 50.3137, 50.7976
YIQ	189.3390, 12.2870, 3.0950

Conversions

Conversions Part 2

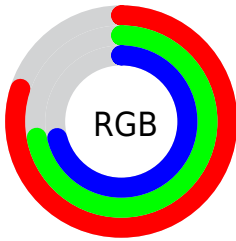
Format	Color
R _Y B	203, 184, 181
Decimal	13351093
CIE Lab	76.26, 6.26, 3.95
CIE LCh	76, 7.408, 32.269
Yxy	50.3137, 0.3314, 0.3327
Android (android.graphics.Color)	4291541173 (0xFFCBB8B5)
YUV	189.3390, -4.1111, 11.9807
Hunter-Lab	70.9322, 1.9879, 7.1923

Details

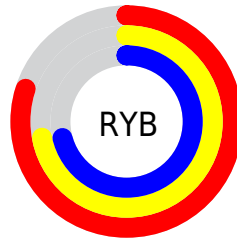
The Yxy color `50.3137, 0.3314, 0.3327` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `55.4755, 0.2962, 0.3253`, and the grayscale version is `51.1154, 0.3127, 0.3290`.

A 20% lighter version of the original color is `89.6946, 0.3245, 0.3320`, and `24.1807, 0.3372, 0.3340` is the 20% darker color. If you saturate the color by 10%, you get `42.6933, 0.3527, 0.3364`, and if you desaturate by 10%, it is `58.9658, 0.3140, 0.3293`.

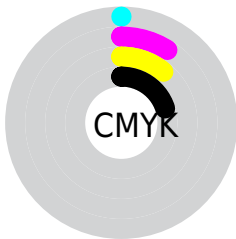
Distribution



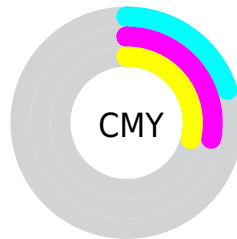
- Red (80%)
- Green (72%)
- Blue (71%)



- Red (80%)
- Yellow (72%)
- Blue (71%)



- Cyan (0%)
- Magenta (9%)
- Yellow (11%)
- Black (20%)





- Cyan (20%)
- Magenta (28%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.3137, 0.3314, 0.3327 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 50.3137, 0.3314, 0.3327 by changing the saturation by 10% instead.


 50.3137, 0.3314,
0.3327

 50.3137, 0.3314,
0.3327


387.8914, 0.3221,
0.3309

 35.6627, 0.3337,
0.3331


 90.6395, 0.3281,
0.3321

 24.1738, 0.3366,
0.3336


117.0831, 0.3268,
0.3318

 15.4626, 0.3405,
0.3343


148.2264, 0.3257,
0.3316

 9.1447, 0.3459,
0.3352

184.4537, 0.3248,
0.3315

 4.8357, 0.3538,
0.3364

226.1495, 0.3240,
0.3313

 2.1512, 0.3668,
0.3381

273.6981, 0.3233,

 0.6932, 0.4093,

0.3312

0.3495

327.4839, 0.3227,
0.3311

0.0000, 0.0000,
0.0000

50.3137, 0.3314,
0.3327

50.3137, 0.3314,
0.3327

42.6933, 0.3527,
0.3364

58.9658, 0.3140,
0.3293

36.0597, 0.3785,
0.3402

68.6793, 0.2998,
0.3261

30.3744, 0.4097,
0.3439

79.4908, 0.2881,
0.3233

25.5939, 0.4465,
0.3472

90.9585, 0.2821,
0.3281

21.6714, 0.4880,
0.3494

91.4406, 0.2822,
0.3289

■ 18.5557, 0.5319,
0.3500

■ 16.1900, 0.5737,
0.3482

■ 14.5102, 0.6075,
0.3439

■ 13.5032, 0.6287,
0.3390

Harmonies

Analogous

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



50.3137, 0.3254, 0.3239



50.3137, 0.3314, 0.3327



50.3137, 0.3323, 0.3407

Triad

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



50.3137, 0.3314, 0.3327



50.3137, 0.3093, 0.3420



50.3137, 0.2976, 0.3124

Complementary

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



50.3137, 0.3314, 0.3327



55.4755, 0.2962, 0.3253

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.



50.3137, 0.2935, 0.3170



50.3137, 0.3314, 0.3327



50.3137, 0.3001, 0.3341

Square

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



50.3137, 0.3314, 0.3327



50.3137, 0.3194, 0.3463



50.3137, 0.2944, 0.3249



50.3137, 0.3058, 0.3123

Rectangle

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



50.3137, 0.3314, 0.3327



50.3137, 0.3299, 0.3445



50.3137, 0.2944, 0.3249



50.3137, 0.2957, 0.3135

Sweetspot

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



50.3159, 0.3314, 0.3327



95.3673, 0.3176, 0.3300



49.9322, 0.3163, 0.3060



20.1535, 0.3189, 0.3303



0.0000, 0.0000, 0.0000



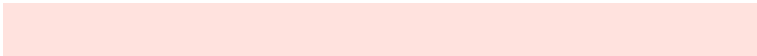
21.4041, 0.3127, 0.3290

Same Dimension

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



50.3159, 0.3314, 0.3327



81.0953, 0.3360, 0.3335



55.0502, 0.3298, 0.3460



11.4538, 0.3287, 0.3322



8.6682, 0.6270, 0.3404



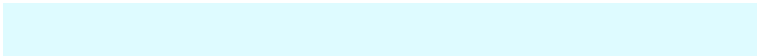
0.5289, 0.5963, 0.3648

Inverse Universe

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



55.4755, 0.2962, 0.3253



91.4241, 0.2927, 0.3244



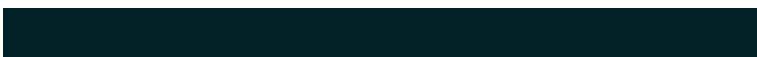
50.5744, 0.2960, 0.3115



12.4587, 0.2983, 0.3258



22.5022, 0.2128, 0.2861



1.2341, 0.2154, 0.2952

Previews

White Background



This preview shows how the Yxy color 50.3137, 0.3314, 0.3327 looks on a white background.

Color Contrast Check

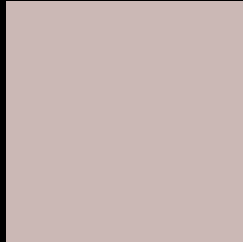
Large Text (above 18pt) WCAG AA × Fail

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 50.3137, 0.3314, 0.3327 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

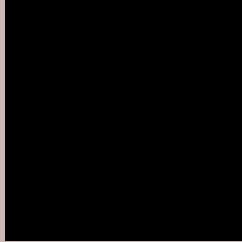
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.3137, 0.3314, 0.3327

Background



This preview shows how black text looks on a background with the Yxy color 50.3137, 0.3314, 0.3327.



This preview shows how white text looks on a background with the Yxy color 50.3137, 0.3314, 0.3327.

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

50.3137, 0.3314, 0.3327

Protanopia

50.2970, 0.3208, 0.3340

Deuteranopia

50.3474, 0.3369, 0.3303



Tritanopia

50.4206, 0.3211, 0.3122

Trichromacy



Original Color

50.3137, 0.3314, 0.3327

Protanomaly

50.3655, 0.3251, 0.3340

Deuteranomaly

50.4686, 0.3350, 0.3315

Tritanomaly

50.4659, 0.3242, 0.3193

Monochromacy



Original Color

50.3137, 0.3314, 0.3327

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

50.5552, 0.3193, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.3137, 0.3314, 0.3327 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(203, 184, 181)` looks like.

```
.text, #text, p{  
    color:rgb(203, 184, 181)  
}
```

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(203, 184, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 184, 181) }
```

Border

The CSS property to change the border of an element to Yxy 50.3137, 0.3314, 0.3327 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(203, 184, 181) }
```

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

```
.border{ border-color:rgb(203, 184, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 184, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 184, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 184, 181);  
box-shadow:4px 4px 4px 4px rgb(203, 184,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 50.3137, 0.3314, 0.3327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 184, 181) }
```

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

```
.background{ background-color: rgb(203,  
184, 181) }
```

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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