

Converting Colors

$Yxy(51.4397, 0.3312, 0.3352)$

Have a look what the booklet for
Yxy(51.4397, 0.3312, 0.3352)
contains.

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Color

Yxy(51.2914, 0.3320, 0.3352)

Conversions

Conversions Part 1

Format	Color
Hex	CCBAB5
RGB	204, 186, 181
RGB Percent	80%, 73%, 71%
CMY	0.1999, 0.2706, 0.2903
CMYK	0.00, 0.09, 0.11, 0.20
HSL	13°, 18%, 75%
HSV	13°, 11%, 80%
XYZ	50.8017, 51.2914, 50.9242
YIQ	190.8120, 12.3330, 2.2610

Conversions

Conversions Part 2

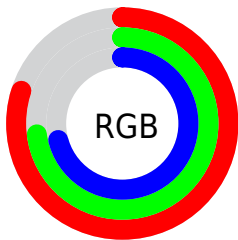
Format	Color
R _Y B	204, 187, 181
Decimal	13417141
CIE Lab	76.86, 5.54, 4.85
CIE LCh	77, 7.360, 41.225
Yxy	51.2914, 0.3320, 0.3352
Android (android.graphics.Color)	4291607221 (0xFFCCBAB5)
YUV	190.8120, -4.8373, 11.5659
Hunter-Lab	71.6180, 1.2862, 7.9743

Details

The Yxy color $51.2914, 0.3320, 0.3352$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $55.0210, 0.2954, 0.3227$, and the grayscale version is $52.0101, 0.3127, 0.3290$.

A 20% lighter version of the original color is $90.8787, 0.3244, 0.3339$, and $24.8176, 0.3379, 0.3373$ is the 20% darker color. If you saturate the color by 10%, you get $44.1675, 0.3528, 0.3411$, and if you desaturate by 10%, it is $59.2925, 0.3147, 0.3297$.

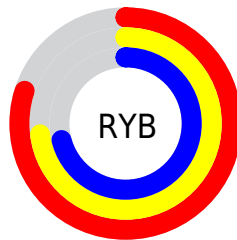
Distribution



Red (80%)

Green (73%)

Blue (71%)



Red (80%)

Yellow (73%)

Blue (71%)

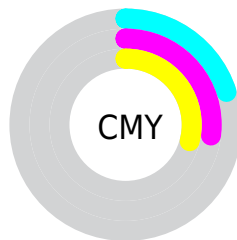


Cyan (0%)

Magenta (9%)

Yellow (11%)

Black (20%)



Cyan (20%)


Magenta (27%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.2914, 0.3320, 0.3352 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 51.2914, 0.3320, 0.3352 by changing the saturation by 10% instead.

 51.2914, 0.3320,
0.3352

 51.2914, 0.3320,
0.3352


391.6949, 0.3225,
0.3322

 36.4406, 0.3343,
0.3359

 92.0854, 0.3286,
0.3341

 24.7746, 0.3373,
0.3368


118.7973, 0.3273,
0.3337

 15.9092, 0.3413,
0.3380


150.2317, 0.3262,
0.3334

 9.4600, 0.3468,
0.3395

186.7730, 0.3252,
0.3331

 5.0424, 0.3548,
0.3417

228.8056, 0.3244,
0.3328

 2.2722, 0.3679,
0.3450

276.7138, 0.3237,

 0.7589, 0.4074,

0.3326

0.3609

330.8821, 0.3230,
0.3324

0.0000, 0.0000,
0.0000

51.2914, 0.3320,
0.3352

51.2914, 0.3320,
0.3352

44.1675, 0.3528,
0.3411

59.2925, 0.3147,
0.3297

37.8842, 0.3778,
0.3472

68.1923, 0.3004,
0.3246

32.4122, 0.4074,
0.3531

78.0203, 0.2884,
0.3199

27.7179, 0.4418,
0.3585

88.3044, 0.2824,
0.3235

23.7654, 0.4803,
0.3624

91.5794, 0.2827,
0.3289

■ 20.5159, 0.5209,
0.3639

■ 17.9267, 0.5602,
0.3621

■ 15.9505, 0.5934,
0.3565

■ 14.6805, 0.6152,
0.3497

Harmonies

Analogous

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



51.2914, 0.3274, 0.3265



51.2914, 0.3320, 0.3352



51.2914, 0.3313, 0.3424

Triad

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



51.2914, 0.3320, 0.3352



51.2914, 0.3064, 0.3398



51.2914, 0.2999, 0.3122

Complementary

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



51.2914, 0.3320, 0.3352



55.0210, 0.2954, 0.3227

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.



51.2914, 0.2945, 0.3154



51.2914, 0.3320, 0.3352



51.2914, 0.2982, 0.3313

Square

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



51.2914, 0.3320, 0.3352



51.2914, 0.3164, 0.3453



51.2914, 0.2938, 0.3223



51.2914, 0.3088, 0.3134

Rectangle

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



51.2914, 0.3320, 0.3352



51.2914, 0.3279, 0.3454



51.2914, 0.2938, 0.3223



51.2914, 0.2976, 0.3127

Sweetspot

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



51.2937, 0.3320, 0.3352



95.7606, 0.3175, 0.3306



50.0012, 0.3180, 0.3073



20.2592, 0.3188, 0.3311



0.0000, 0.0000, 0.0000



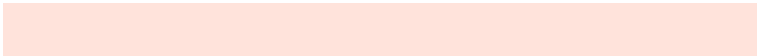
21.4041, 0.3127, 0.3290

Same Dimension

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



51.2937, 0.3320, 0.3352



81.3789, 0.3376, 0.3369



56.3282, 0.3303, 0.3490



11.6041, 0.3285, 0.3341



9.3526, 0.6130, 0.3515



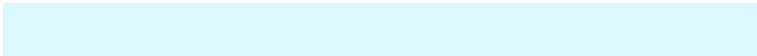
0.5981, 0.5744, 0.3821

Inverse Universe

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



55.0210, 0.2954, 0.3227



88.9753, 0.2911, 0.3210



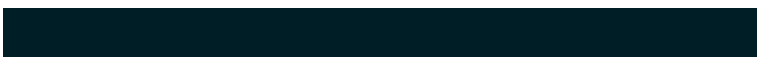
49.9351, 0.2952, 0.3082



12.2953, 0.2983, 0.3238



18.5956, 0.2049, 0.2577



1.0651, 0.2092, 0.2732

Previews

White Background



This preview shows how the Yxy color 51.2914, 0.3320, 0.3352 looks on a white background.

Color Contrast Check

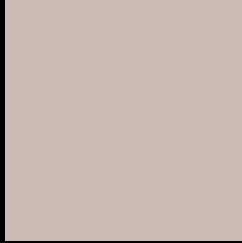
Large Text (above 18pt) WCAG AA × Fail

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 51.2914, 0.3320, 0.3352 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 51.2914, 0.3320, 0.3352

Background



This preview shows how black text looks on a background with the Yxy color 51.2914, 0.3320, 0.3352.



This preview shows how white text looks on a background with the Yxy color 51.2914, 0.3320, 0.3352.

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

51.2914, 0.3320, 0.3352

Protanopia

51.4162, 0.3223, 0.3365

Deuteranopia

51.0521, 0.3385, 0.3315



Tritanopia

51.0660, 0.3203, 0.3111

Trichromacy



Original Color

51.2914, 0.3320, 0.3352

Protanomaly

51.3496, 0.3258, 0.3365

Deuteranomaly

51.0271, 0.3357, 0.3327

Tritanomaly

51.0659, 0.3242, 0.3194

Monochromacy



Original Color

51.2914, 0.3320, 0.3352

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

51.7188, 0.3200, 0.3315

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.2914, 0.3320, 0.3352 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(204, 186, 181)` looks like.

```
.text, #text, p{  
    color:rgb(204, 186, 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(204, 186, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 186, 181) }
```

Border

The CSS property to change the border of an element to Yxy 51.2914, 0.3320, 0.3352 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(204, 186, 181) }
```

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

```
.border{ border-color:rgb(204, 186, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 186, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 186, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 186, 181);  
box-shadow:4px 4px 4px 4px rgb(204, 186,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 51.2914, 0.3320, 0.3352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 186, 181) }
```

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

```
.background{ background-color: rgb(204,  
186, 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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