

Converting Colors

Yxy(51.1325, 0.3325, 0.3414)

Have a look what the booklet for
Yxy(51.1325, 0.3325, 0.3414)
contains.

Yxy(51.1325, 0.3325, 0.3414)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(51.1325, 0.3325, 0.3414)

Conversions

Conversions Part 1

Format	Color
Hex	C9BBB1
RGB	201, 187, 177
RGB Percent	79%, 73%, 69%
CMY	0.2116, 0.2667, 0.3059
CMYK	0.00, 0.07, 0.12, 0.21
HSL	25°, 18%, 74%
HSV	25°, 12%, 79%
XYZ	49.7995, 51.1325, 48.8410
YIQ	190.0460, 11.5540, -0.1420

Conversions

Conversions Part 2

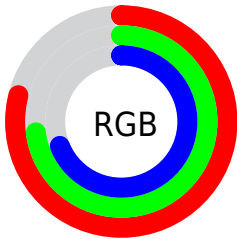
Format	Color
RYB	201, 194, 177
Decimal	13220785
CIELab	76.76, 3.26, 6.83
CIELCh	77, 7.570, 64.467
Yxy	51.1325, 0.3325, 0.3414
Android (android.graphics.Color)	4291410865 (0xFFC9BBB1)
YUV	190.0460, -6.4317, 9.6067
Hunter-Lab	71.5070, -0.8247, 9.5584

Details

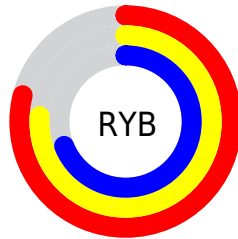
The Yxy color **51.1325, 0.3325, 0.3414** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.8443, 0.2943, 0.3163**, and the grayscale version is **51.5563, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.2444, 0.3268, 0.3388**, and **24.7085, 0.3386, 0.3457** is the 20% darker color. If you saturate the color by 10%, you get **45.6109, 0.3520, 0.3524**, and if you desaturate by 10%, it is **57.1842, 0.3157, 0.3310**.

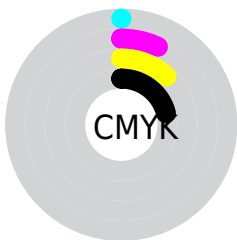
Distribution



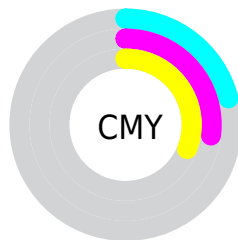
- Red (79%)
- Green (73%)
- Blue (69%)



- Red (79%)
- Yellow (76%)
- Blue (69%)



- Cyan (0%)
- Magenta (7%)
- Yellow (12%)
- Black (21%)



- Cyan (21%)
- Magenta (27%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.1325, 0.3325, 0.3414 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 51.1325, 0.3325, 0.3414 by changing the saturation by 10% instead.

■ 51.1325, 0.3325,
0.3414

■ 51.1325, 0.3325,
0.3414

391.0784, 0.3227,
0.3354

■ 36.3141, 0.3349,
0.3429

■ 91.8506, 0.3290,
0.3392

■ 24.6769, 0.3380,
0.3447

118.5191, 0.3276,
0.3384

■ 15.8365, 0.3420,
0.3471

149.9063, 0.3265,
0.3377

■ 9.4085, 0.3476,
0.3505

186.3968, 0.3255,
0.3371

■ 5.0086, 0.3559,
0.3552

228.3748, 0.3247,
0.3366

■ 2.2523, 0.3691,
0.3626

276.2248, 0.3240,

■ 0.7483, 0.4215,

0.3361

0.3988

330.3312, 0.3233,
0.3357

0.0000, 0.0000,
0.0000

51.1325, 0.3325,
0.3414

51.1325, 0.3325,
0.3414

45.6109, 0.3520,
0.3524

57.1842, 0.3157,
0.3310

40.5977, 0.3744,
0.3638

63.7734, 0.3013,
0.3212

36.0796, 0.3999,
0.3749

70.9160, 0.2889,
0.3122

32.0402, 0.4282,
0.3852

78.4684, 0.2795,
0.3065

28.4620, 0.4588,
0.3936

85.3767, 0.2804,
0.3191

■ 25.3261, 0.4902,
0.3989

■ 91.1617, 0.2811,
0.3289

■ 22.6122, 0.5206,
0.3998

■ 20.2975, 0.5475,
0.3954

■ 18.7005, 0.5661,
0.3887

Harmonies

Analogous

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



51.1325, 0.3320, 0.3334



51.1325, 0.3325, 0.3414



51.1325, 0.3276, 0.3462

Triad

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



51.1325, 0.3325, 0.3414



51.1325, 0.2994, 0.3335



51.1325, 0.3064, 0.3122

Complementary

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



51.1325, 0.3325, 0.3414



50.8443, 0.2943, 0.3163

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.



51.1325, 0.2979, 0.3120



51.1325, 0.3325, 0.3414



51.1325, 0.2939, 0.3241

Square

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



51.1325, 0.3325, 0.3414



51.1325, 0.3085, 0.3417



51.1325, 0.2933, 0.3163



51.1325, 0.3168, 0.3168

Rectangle

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



51.1325, 0.3325, 0.3414



51.1325, 0.3221, 0.3469



51.1325, 0.2933, 0.3163



51.1325, 0.3032, 0.3117

Sweetspot

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



51.1348, 0.3325, 0.3414



95.6176, 0.3190, 0.3331



47.6474, 0.3219, 0.3113



20.2933, 0.3203, 0.3339



0.0000, 0.0000, 0.0000



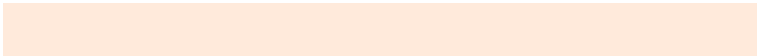
21.4041, 0.3127, 0.3290

Same Dimension

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



51.1348, 0.3325, 0.3414



85.3193, 0.3366, 0.3438



56.2717, 0.3307, 0.3554



11.3495, 0.3279, 0.3387



11.9261, 0.5636, 0.3907



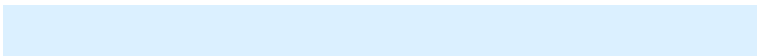
0.7070, 0.5264, 0.4202

Inverse Universe

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



50.8443, 0.2943, 0.3163



84.7373, 0.2908, 0.3137



45.9693, 0.2940, 0.3012



11.2996, 0.2983, 0.3192



10.8957, 0.1856, 0.1881



0.6565, 0.1946, 0.2205

Previews

White Background



This preview shows how the Yxy color 51.1325, 0.3325, 0.3414 looks on a white background.

Color Contrast Check

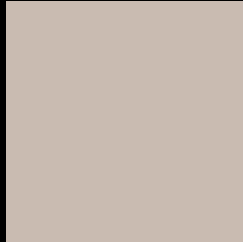
Large Text (above 18pt) WCAG AA × Fail

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 51.1325, 0.3325, 0.3414 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

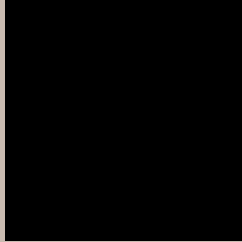
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.1325, 0.3325, 0.3414

Background



This preview shows how black text looks on a background with the Yxy color 51.1325, 0.3325, 0.3414.



This preview shows how white text looks on a background with the Yxy color 51.1325, 0.3325, 0.3414.

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

51.1325, 0.3325, 0.3414

Protanopia

51.3453, 0.3271, 0.3428

Deuteranopia

51.0784, 0.3419, 0.3351



Tritanopia

51.1956, 0.3185, 0.3122

Trichromacy



Original Color

51.1325, 0.3325, 0.3414

Protanomaly

51.1866, 0.3289, 0.3415

Deuteranomaly

50.9052, 0.3382, 0.3364

Tritanomaly

51.1121, 0.3240, 0.3230

Monochromacy



Original Color

51.1325, 0.3325, 0.3414

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.3673, 0.3199, 0.3340

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.1325, 0.3325, 0.3414 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(201, 187, 177)` looks like.

```
.text, #text, p{  
    color:rgb(201, 187, 177)  
}
```

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(201, 187, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 187, 177) }
```

Border

The CSS property to change the border of an element to Yxy 51.1325, 0.3325, 0.3414 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(201, 187, 177) }
```

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

```
.border{ border-color:rgb(201, 187, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 187, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 187, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 187, 177);  
box-shadow:4px 4px 4px 4px rgb(201, 187,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 51.1325, 0.3325, 0.3414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 187, 177) }
```

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

```
.background{ background-color: rgb(201,  
187, 177) }
```

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