

Converting Colors

$Yxy(33.2914, 0.3527, 0.3333)$

Have a look what the booklet for
Yxy(33.2914, 0.3527, 0.3333)
contains.

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Color

Yxy(33.2914, 0.3527, 0.3333)

Conversions

Conversions Part 1

Format	Color
Hex	B79491
RGB	183, 148, 145
RGB Percent	72%, 58%, 57%
CMY	0.2824, 0.4196, 0.4313
CMYK	0.00, 0.19, 0.21, 0.28
HSL	5°, 21%, 64%
HSV	5°, 21%, 72%
XYZ	35.2292, 33.2914, 31.3636
YIQ	158.1230, 21.8230, 6.4870

Conversions

Conversions Part 2

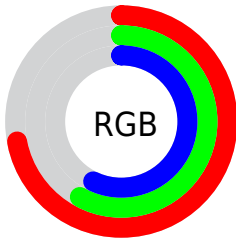
Format	Color
R_{YB}	183, 148, 145
Decimal	12031121
CIE _{Lab}	64.40, 12.63, 6.53
CIE _{LCh}	64, 14.216, 27.343
Y _{xy}	33.2914, 0.3527, 0.3333
Android (android.graphics.Color)	4290221201 (0xFFB79491)
Y _{UV}	158.1230, -6.4696, 21.8171
Hunter-Lab	57.6987, 8.0142, 8.1605

Details

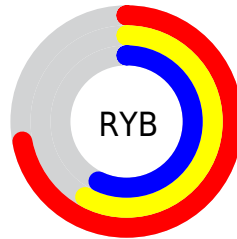
The Yxy color **33.2914, 0.3527, 0.3333** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **42.0852, 0.2820, 0.3247**, and the grayscale version is **34.2742, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.7153, 0.3442, 0.3323**, and **14.0427, 0.3651, 0.3331** is the 20% darker color. If you saturate the color by 10%, you get **27.8633, 0.3790, 0.3355**, and if you desaturate by 10%, it is **39.5839, 0.3313, 0.3312**.

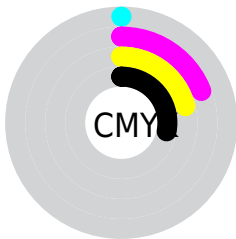
Distribution



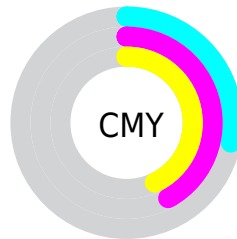
- Red (72%)
- Green (58%)
- Blue (57%)



- Red (72%)
- Yellow (58%)
- Blue (57%)



- Cyan (0%)
- Magenta (19%)
- Yellow (21%)
- Black (28%)





- Cyan (28%)
- Magenta (42%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.2914, 0.3527, 0.3333 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 33.2914, 0.3527, 0.3333 by changing the saturation by 10% instead.


 33.2914, 0.3527,
0.3333


 33.2914, 0.3527,
0.3333


316.9608, 0.3314,
0.3313

 22.3498, 0.3585,
0.3337


 64.8302, 0.3446,
0.3326

 14.1141, 0.3662,
0.3342


 86.1962, 0.3417,
0.3324

 8.2001, 0.3769,
0.3347


111.8057, 0.3393,
0.3321

 4.2232, 0.3931,
0.3352

142.0432, 0.3372,
0.3319

 1.7992, 0.4199,
0.3352

177.2931, 0.3355,
0.3318

 0.4867, 0.5792,
0.3657


217.9397, 0.3339,


 0.0000, 0.0000,


0.3316


0.0000


264.3675, 0.3326,
0.3315


 33.2914, 0.3527,
0.3333


 33.2914, 0.3527,
0.3333


 27.8633, 0.3790,
0.3355


 39.5839, 0.3313,
0.3312


 23.2575, 0.4110,
0.3377


 46.7714, 0.3139,
0.3291


 19.4352, 0.4490,
0.3396

 54.8886, 0.2998,
0.3273

 16.3528, 0.4920,
0.3409

 63.9671, 0.2883,
0.3256

 13.9623, 0.5375,
0.3411

 74.0371, 0.2788,
0.3241

■ 12.2101, 0.5803,
0.3399

■ 85.1271, 0.2710,
0.3228

■ 11.0348, 0.6140,
0.3372

■ 88.8066, 0.2716,
0.3289

■ 10.3915, 0.6341,
0.3347

Harmonies

Analogous

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



33.2914, 0.3375, 0.3148



33.2914, 0.3527, 0.3333



33.2914, 0.3567, 0.3514

Triad

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



33.2914, 0.3527, 0.3333



33.2914, 0.3084, 0.3606



33.2914, 0.2776, 0.2938

Complementary

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



33.2914, 0.3527, 0.3333



42.0852, 0.2820, 0.3247

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.



33.2914, 0.2706, 0.3044



33.2914, 0.3527, 0.3333



33.2914, 0.2879, 0.3434

Square

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



33.2914, 0.3527, 0.3333



33.2914, 0.3306, 0.3683



33.2914, 0.2743, 0.3225



33.2914, 0.2940, 0.2924

Rectangle

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



33.2914, 0.3527, 0.3333



33.2914, 0.3525, 0.3610



33.2914, 0.2743, 0.3225



33.2914, 0.2741, 0.2963

Sweetspot

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



33.2929, 0.3527, 0.3333



76.6869, 0.3227, 0.3302



33.6369, 0.3175, 0.2815



16.7552, 0.3239, 0.3303



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



33.2929, 0.3527, 0.3333



54.9114, 0.3643, 0.3343



39.5799, 0.3477, 0.3586



9.1227, 0.3286, 0.3309



7.2919, 0.6331, 0.3355



0.2955, 0.6074, 0.3559

Inverse Universe

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



42.0852, 0.2820, 0.3247



73.5588, 0.2755, 0.3236



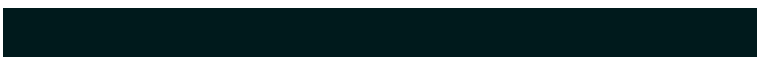
35.0957, 0.2802, 0.2975



10.0864, 0.2985, 0.3271



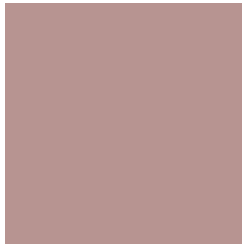
22.1237, 0.2179, 0.3045



0.8159, 0.2198, 0.3113

Previews

White Background



This preview shows how the Yxy color 33.2914, 0.3527, 0.3333 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 33.2914, 0.3527, 0.3333 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

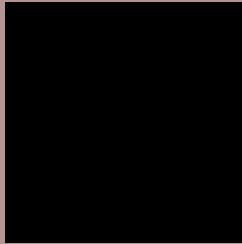
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.2914, 0.3527, 0.3333

Background



This preview shows how black text looks on a background with the Yxy color 33.2914, 0.3527, 0.3333.



This preview shows how white text looks on a background with the Yxy color 33.2914, 0.3527, 0.3333.

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

33.2914, 0.3527, 0.3333

Protanopia

33.5239, 0.3242, 0.3395

Deuteranopia

33.3769, 0.3455, 0.3391



Tritanopia

33.1824, 0.3418, 0.3139

Trichromacy



Original Color

33.2914, 0.3527, 0.3333

Protanomaly

33.3556, 0.3338, 0.3364

Deuteranomaly

33.4100, 0.3490, 0.3376

Tritanomaly

33.3577, 0.3457, 0.3208

Monochromacy



Original Color

33.2914, 0.3527, 0.3333

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

33.6266, 0.3267, 0.3305

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.2914, 0.3527, 0.3333 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(183, 148, 145)` looks like.

```
.text, #text, p{  
    color:rgb(183, 148, 145)  
}
```

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(183, 148, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 148, 145) }
```

Border

The CSS property to change the border of an element to Yxy 33.2914, 0.3527, 0.3333 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(183, 148, 145) }
```

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

```
.border{ border-color:rgb(183, 148, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 148, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 148, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 148, 145);  
box-shadow:4px 4px 4px 4px rgb(183, 148,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 33.2914, 0.3527, 0.3333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 148, 145) }
```

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

```
.background{ background-color: rgb(183,  
148, 145) }
```

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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