

Converting Colors

$Yxy(31.2895, 0.3753, 0.3346)$

Have a look what the booklet for
Yxy(31.2895, 0.3753, 0.3346)
contains.

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Color

Yxy(31.2909, 0.3753, 0.3347)

Conversions

Conversions Part 1

Format	Color
Hex	BF8B87
RGB	191, 139, 135
RGB Percent	75%, 55%, 53%
CMY	0.2511, 0.4548, 0.4706
CMYK	0.00, 0.27, 0.29, 0.25
HSL	4°, 30%, 64%
HSV	4°, 29%, 75%
XYZ	35.0866, 31.2909, 27.1119
YIQ	154.0920, 32.2760, 9.7800

Conversions

Conversions Part 2

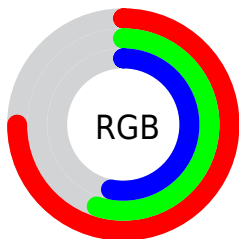
Format	Color
RYB	191, 139, 135
Decimal	12553095
CIELab	62.75, 19.23, 9.96
CIELCh	63, 21.652, 27.375
Yxy	31.2909, 0.3753, 0.3347
Android (android.graphics.Color)	4290743175 (0xFFBF8B87)
YUV	154.0920, -9.4124, 32.3683
Hunter-Lab	55.9383, 14.0699, 10.4204

Details

The Yxy color **31.2909, 0.3753, 0.3347** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.4335, 0.2702, 0.3232**, and the grayscale version is **32.3892, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.7272, 0.3623, 0.3345**, and **13.0349, 0.3970, 0.3368** is the 20% darker color. If you saturate the color by 10%, you get **26.0770, 0.4067, 0.3367**, and if you desaturate by 10%, it is **37.4366, 0.3495, 0.3327**.

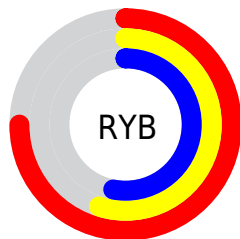
Distribution



Red (75%)

Green (55%)

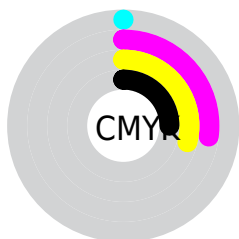
Blue (53%)



Red (75%)

Yellow (55%)

Blue (53%)

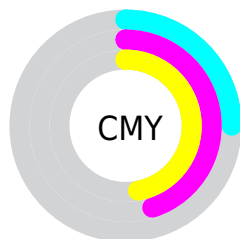


Cyan (0%)

Magenta (27%)

Yellow (29%)

Black (25%)



Cyan (25%)


Magenta (45%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.2909, 0.3753, 0.3347 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 31.2909, 0.3753, 0.3347 by changing the saturation by 10% instead.


 31.2909, 0.3753,
0.3347


 31.2909, 0.3753,
0.3347


307.8763, 0.3416,
0.3324


 20.8205, 0.3846,
0.3351


 61.6978, 0.3625,
0.3340

 12.9928, 0.3970,
0.3353


 82.4030, 0.3578,
0.3337

 7.4236, 0.4145,
0.3354


 107.2886, 0.3540,
0.3334

 3.7284, 0.4409,
0.3346

136.7390, 0.3507,
0.3332

 1.5228, 0.4855,
0.3314

171.1386, 0.3480,
0.3329

 0.3047, 0.7135,
0.2865

210.8717, 0.3456,

 0.0000, 0.0000,


0.3327

0.0000

256.3228, 0.3435,
0.3325


 31.2909, 0.3753,
0.3347


 31.2909, 0.3753,
0.3347

 26.0770, 0.4067,
0.3367


 37.4366, 0.3495,
0.3327


 21.7453, 0.4442,
0.3385

 44.5519, 0.3286,
0.3307


 18.2483, 0.4871,
0.3398

 52.6778, 0.3117,
0.3289

 15.5322, 0.5328,
0.3401

 61.8515, 0.2979,
0.3272

 13.5369, 0.5765,
0.3392

 72.1086, 0.2867,
0.3257

■ 12.1936, 0.6116,
0.3368

■ 83.4829, 0.2776,
0.3244

■ 11.4154, 0.6337,
0.3341

■ 89.8129, 0.2757,
0.3289

■ 11.3791, 0.6350,
0.3340

Harmonies

Analogous

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



31.2909, 0.3513, 0.3070



31.2909, 0.3753, 0.3347



31.2909, 0.3814, 0.3625

Triad

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



31.2909, 0.3753, 0.3347



31.2909, 0.3054, 0.3792



31.2909, 0.2589, 0.2748

Complementary

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



31.2909, 0.3753, 0.3347



44.4335, 0.2702, 0.3232

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.



31.2909, 0.2484, 0.2903



31.2909, 0.3753, 0.3347



31.2909, 0.2742, 0.3515

Square

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



31.2909, 0.3753, 0.3347



31.2909, 0.3398, 0.3909



31.2909, 0.2538, 0.3180



31.2909, 0.2835, 0.2735

Rectangle

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



31.2909, 0.3753, 0.3347



31.2909, 0.3744, 0.3779



31.2909, 0.2538, 0.3180



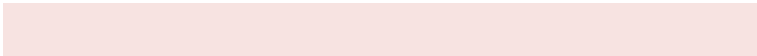
31.2909, 0.2537, 0.2784

Sweetspot

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



31.2924, 0.3753, 0.3347



80.0455, 0.3283, 0.3307



31.9992, 0.3198, 0.2614



17.1392, 0.3311, 0.3309



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.



31.2924, 0.3753, 0.3347



50.0370, 0.3942, 0.3360



40.3565, 0.3648, 0.3716



9.6434, 0.3287, 0.3307



7.5266, 0.6338, 0.3349



0.3328, 0.6114, 0.3527

Inverse Universe

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



44.4335, 0.2702, 0.3232



77.2829, 0.2623, 0.3218



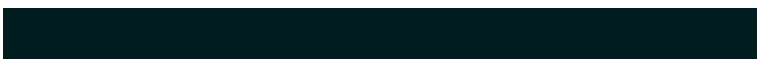
33.7955, 0.2658, 0.2822



10.6891, 0.2985, 0.3273



23.2632, 0.2185, 0.3067



0.9466, 0.2201, 0.3124

Previews

White Background



This preview shows how the Yxy color 31.2909, 0.3753, 0.3347 looks on a white background.

Color Contrast Check

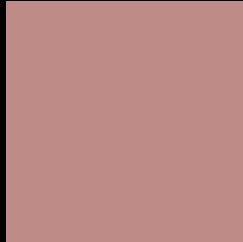
Large Text (above 18pt) WCAG AA × Fail

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 31.2909, 0.3753, 0.3347 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

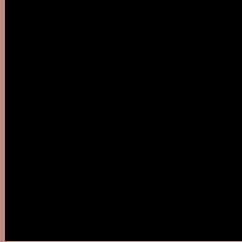
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.2909, 0.3753, 0.3347

Background



This preview shows how black text looks on a background with the Yxy color 31.2909, 0.3753, 0.3347.



This preview shows how white text looks on a background with the Yxy color 31.2909, 0.3753, 0.3347.

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

31.2909, 0.3753, 0.3347

Protanopia

31.5776, 0.3273, 0.3444

Deuteranopia

31.4729, 0.3537, 0.3482



Tritanopia

31.2359, 0.3624, 0.3142

Trichromacy



Original Color

31.2909, 0.3753, 0.3347

Protanomaly

31.1665, 0.3441, 0.3410

Deuteranomaly

31.3710, 0.3624, 0.3435

Tritanomaly

31.3666, 0.3678, 0.3223

Monochromacy



Original Color

31.2909, 0.3753, 0.3347

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

31.8170, 0.3334, 0.3320

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.2909, 0.3753, 0.3347 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, 139, 135)` looks like.

```
.text, #text, p{  
    color:rgb(191, 139, 135)  
}
```

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, 139, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 139, 135) }
```

Border

The CSS property to change the border of an element to Yxy 31.2909, 0.3753, 0.3347 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, 139, 135) }
```

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

```
.border{ border-color:rgb(191, 139, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 139, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 139, 135); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 139, 135); box-shadow:4px 4px 4px 4px rgb(191, 139, 135) }
```


Background

The CSS property to change the background color of an element to Yxy 31.2909, 0.3753, 0.3347 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 139, 135) }
```

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

```
.background{ background-color: rgb(191,  
139, 135) }
```

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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