

Converting Colors

$Yxy(31.3218, 0.3445, 0.3006)$

Have a look what the booklet for
Yxy(31.3218, 0.3445, 0.3006)
contains.

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Color

Yxy(31.2450, 0.3445, 0.3004)

Conversions

Conversions Part 1

Format	Color
Hex	BB8A9F
RGB	187, 138, 159
RGB Percent	73%, 54%, 62%
CMY	0.2668, 0.4587, 0.3765
CMYK	0.00, 0.26, 0.15, 0.27
HSL	334°, 26%, 64%
HSV	334°, 26%, 73%
XYZ	35.8319, 31.2450, 36.9344
YIQ	155.0450, 22.4630, 16.9190

Conversions

Conversions Part 2

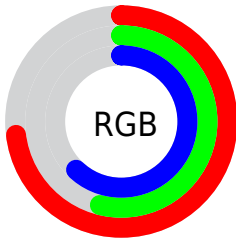
Format	Color
RYB	187, 138, 159
Decimal	12290719
CIELab	62.71, 21.92, -3.77
CIELCh	63, 22.237, 350.242
Yxy	31.2450, 0.3445, 0.3004
Android (android.graphics.Color)	4290480799 (0xFFBB8A9F)
YUV	155.0450, 1.9498, 28.0245
Hunter-Lab	55.8972, 16.6040, -0.0482

Details

The Yxy color **31.2450, 0.3445, 0.3004** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.6837, 0.2892, 0.3596**, and the grayscale version is **32.7828, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.7874, 0.3380, 0.3058**, and **13.0487, 0.3543, 0.2913** is the 20% darker color. If you saturate the color by 10%, you get **25.9792, 0.3614, 0.2890**, and if you desaturate by 10%, it is **37.4693, 0.3305, 0.3117**.

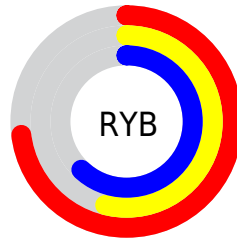
Distribution



Red (73%)

Green (54%)

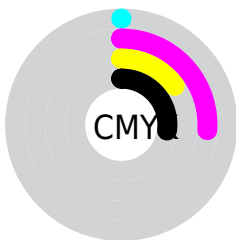
Blue (62%)



Red (73%)

Yellow (54%)

Blue (62%)

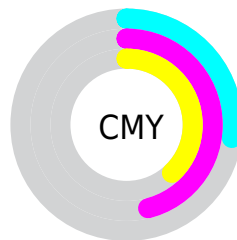


Cyan (0%)

Magenta (26%)

Yellow (15%)

Black (27%)



Cyan (27%)


Magenta (46%)

Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.2450, 0.3445, 0.3004 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 31.2450, 0.3445, 0.3004 by changing the saturation by 10% instead.


 31.2450, 0.3445,
0.3004


 31.2450, 0.3445,
0.3004

307.6654, 0.3277,
0.3154

 20.7855, 0.3490,
0.2964


 61.6256, 0.3382,
0.3060

 12.9673, 0.3550,
0.2912


 82.3155, 0.3358,
0.3081

 7.4060, 0.3635,
0.2839


 107.1842, 0.3339,
0.3098

 3.7173, 0.3760,
0.2732

136.6163, 0.3323,
0.3112

 1.5167, 0.3967,
0.2560

170.9961, 0.3309,
0.3125

 0.3004, 0.4794,
0.1755

210.7079, 0.3297,

 0.0000, 0.0000,

0.3136

0.0000

256.1362, 0.3286,
0.3145

■ 31.2450, 0.3445,
0.3004

■ 31.2450, 0.3445,
0.3004

■ 25.9792, 0.3614,
0.2890

■ 37.4693, 0.3305,
0.3117

■ 21.6195, 0.3813,
0.2779

■ 44.6924, 0.3188,
0.3226

■ 18.1149, 0.4045,
0.2682


■ 52.9576, 0.3093,
0.3328

■ 15.4078, 0.4307,
0.2608


■ 62.3045, 0.3014,
0.3423

■ 13.4331, 0.4590,
0.2571


■ 72.7704, 0.2949,
0.3510


 12.1155, 0.4880,
0.2581

 84.3908, 0.2896,
0.3590

 11.3579, 0.5159,
0.2643

 88.0098, 0.2843,
0.3520

 11.1403, 0.5264,
0.2673

 88.6422, 0.2788,
0.3402

 89.3002, 0.2736,
0.3289

Harmonies

Analogous

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



31.2450, 0.3086, 0.2801



31.2450, 0.3445, 0.3004



31.2450, 0.3726, 0.3278

Triad

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



31.2450, 0.3445, 0.3004



31.2450, 0.3483, 0.3926



31.2450, 0.2466, 0.2950

Complementary

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



31.2450, 0.3445, 0.3004



43.6837, 0.2892, 0.3596

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.



31.2450, 0.2559, 0.3257



31.2450, 0.3445, 0.3004



31.2450, 0.3136, 0.3853

Square

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



31.2450, 0.3445, 0.3004



31.2450, 0.3744, 0.3810



31.2450, 0.2800, 0.3599



31.2450, 0.2535, 0.2758

Rectangle

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



31.2450, 0.3445, 0.3004



31.2450, 0.3822, 0.3474



31.2450, 0.2800, 0.3599



31.2450, 0.2479, 0.3042

Sweetspot

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



31.2464, 0.3445, 0.3004



77.4065, 0.3209, 0.3205



29.8506, 0.2945, 0.2606



16.6003, 0.3226, 0.3189



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



31.2464, 0.3445, 0.3004



50.7529, 0.3531, 0.2943



31.5301, 0.3666, 0.3337



9.6024, 0.3223, 0.3192



7.6930, 0.5234, 0.2657



0.3145, 0.4630, 0.2324

Inverse Universe

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



31.2464, 0.3445, 0.3004



50.7529, 0.3531, 0.2943



43.1483, 0.2745, 0.3242



9.6024, 0.3223, 0.3192



7.6930, 0.5234, 0.2657



0.3145, 0.4630, 0.2324

Previews

White Background



This preview shows how the Yxy color 31.2450, 0.3445, 0.3004 looks on a white background.

Color Contrast Check

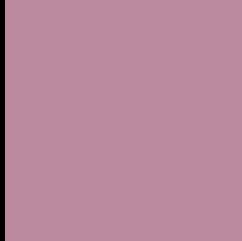
Large Text (above 18pt) WCAG AA × Fail

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 31.2450, 0.3445, 0.3004 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

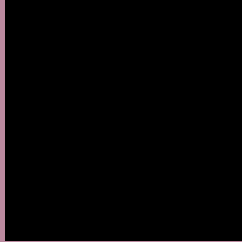
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.2450, 0.3445, 0.3004

Background



This preview shows how black text looks on a background with the Yxy color 31.2450, 0.3445, 0.3004.



This preview shows how white text looks on a background with the Yxy color 31.2450, 0.3445, 0.3004.

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

31.2450, 0.3445, 0.3004

Protanopia

31.4073, 0.2972, 0.3048

Deuteranopia

31.1943, 0.3206, 0.3143



Tritanopia

31.3973, 0.3528, 0.3153

Trichromacy



Original Color

31.2450, 0.3445, 0.3004

Protanomaly

31.0246, 0.3129, 0.3026

Deuteranomaly

31.1858, 0.3284, 0.3089

Tritanomaly

31.2042, 0.3497, 0.3098

Monochromacy



Original Color

31.2450, 0.3445, 0.3004

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

32.1107, 0.3245, 0.3188

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.2450, 0.3445, 0.3004 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(187, 138, 159)` looks like.

```
.text, #text, p{  
    color:rgb(187, 138, 159)  
}
```

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(187, 138, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 138, 159) }
```

Border

The CSS property to change the border of an element to Yxy 31.2450, 0.3445, 0.3004 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(187, 138, 159) }
```

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

```
.border{ border-color:rgb(187, 138, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 138, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 138, 159); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 138, 159); box-shadow:4px 4px 4px 4px rgb(187, 138, 159) }
```


Background

The CSS property to change the background color of an element to Yxy 31.2450, 0.3445, 0.3004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 138, 159) }
```

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

```
.background{ background-color: rgb(187,  
138, 159) }
```

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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