

Converting Colors

$Yxy(47.1115, 0.3299, 0.3422)$

Have a look what the booklet for
Yxy(47.1115, 0.3299, 0.3422)
contains.

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Color

Yxy(47.0644, 0.3295, 0.3419)

Conversions

Conversions Part 1

Format	Color
Hex	BFB5AB
RGB	191, 181, 171
RGB Percent	75%, 71%, 67%
CMY	0.2511, 0.2902, 0.3293
CMYK	0.00, 0.05, 0.10, 0.25
HSL	30°, 13%, 71%
HSV	30°, 10%, 75%
XYZ	45.3575, 47.0644, 45.2336
YIQ	182.8500, 9.1700, -0.9900

Conversions

Conversions Part 2

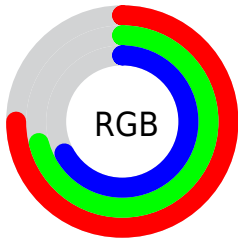
Format	Color
RYB	191, 191, 171
Decimal	12563883
CIELab	74.23, 1.80, 6.34
CIELCh	74, 6.589, 74.141
Yxy	47.0644, 0.3295, 0.3419
Android (android.graphics.Color)	4290753963 (0xFFBFB5AB)
YUV	182.8500, -5.8420, 7.1476
Hunter-Lab	68.6035, -2.0401, 8.9297

Details

The Yxy color **47.0644, 0.3295, 0.3419** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.4648, 0.2967, 0.3158**, and the grayscale version is **47.2964, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.8335, 0.3264, 0.3401**, and **22.1735, 0.3348, 0.3448** is the 20% darker color. If you saturate the color by 10%, you get **42.6422, 0.3479, 0.3549**, and if you desaturate by 10%, it is **51.8616, 0.3134, 0.3295**.

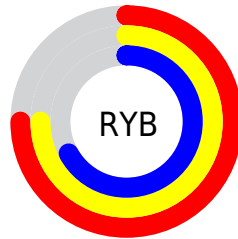
Distribution



Red (75%)

Green (71%)

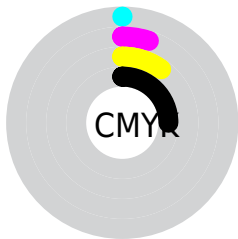
Blue (67%)



Red (75%)

Yellow (75%)

Blue (67%)

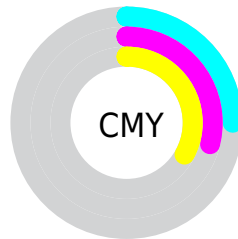


Cyan (0%)

Magenta (5%)

Yellow (10%)

Black (25%)



Cyan (25%)

Magenta (29%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.0644, 0.3295, 0.3419 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 47.0644, 0.3295, 0.3419 by changing the saturation by 10% instead.

■ 47.0644, 0.3295,
0.3419

■ 47.0644, 0.3295,
0.3419

375.0715, 0.3211,
0.3355

■ 33.0866, 0.3316,
0.3435

■ 85.8097, 0.3264,
0.3396

■ 22.1928, 0.3343,
0.3455

111.3460, 0.3253,
0.3387

■ 13.9986, 0.3379,
0.3482

141.5040, 0.3243,
0.3380

■ 8.1197, 0.3429,
0.3520

176.6679, 0.3235,
0.3373

■ 4.1716, 0.3505,
0.3575

217.2222, 0.3228,
0.3368

■ 1.7700, 0.3630,
0.3665

263.5513, 0.3222,

■ 0.4684, 0.4775,

0.3363

0.4572

316.0396, 0.3216,
0.3359

0.0000, 0.0000,
0.0000

47.0644, 0.3295,
0.3419

47.0644, 0.3295,
0.3419

42.6422, 0.3479,
0.3549

51.8616, 0.3134,
0.3295

38.5790, 0.3687,
0.3684

57.0369, 0.2993,
0.3180

34.8667, 0.3919,
0.3817

62.6014, 0.2871,
0.3073

31.4944, 0.4172,
0.3942

68.5637, 0.2764,
0.2975

28.4505, 0.4441,
0.4050

74.1683, 0.2731,
0.3003

■ 25.7228, 0.4715,
0.4127

■ 79.5839, 0.2741,
0.3108

■ 23.2976, 0.4978,
0.4163

■ 85.2939, 0.2750,
0.3212

■ 21.1599, 0.5214,
0.4146

■ 89.8132, 0.2757,
0.3289

■ 19.3639, 0.5409,
0.4087

Harmonies

Analogous

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



47.0644, 0.3306, 0.3355



47.0644, 0.3295, 0.3419



47.0644, 0.3238, 0.3450

Triad

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



47.0644, 0.3295, 0.3419



47.0644, 0.2987, 0.3303



47.0644, 0.3100, 0.3149

Complementary

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



47.0644, 0.3295, 0.3419



45.4648, 0.2967, 0.3158

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.



47.0644, 0.3016, 0.3134



47.0644, 0.3295, 0.3419



47.0644, 0.2951, 0.3221

Square

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



47.0644, 0.3295, 0.3419



47.0644, 0.3061, 0.3383



47.0644, 0.2962, 0.3160



47.0644, 0.3193, 0.3200

Rectangle

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



47.0644, 0.3295, 0.3419



47.0644, 0.3183, 0.3446



47.0644, 0.2962, 0.3160



47.0644, 0.3070, 0.3139

Sweetspot

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



47.0665, 0.3295, 0.3419



90.6120, 0.3174, 0.3327



43.5446, 0.3223, 0.3162



19.7418, 0.3186, 0.3337



97.7402, 0.3127, 0.3290



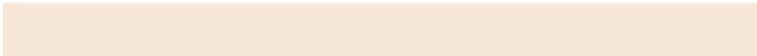
20.4902, 0.3127, 0.3290

Same Dimension

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



47.0665, 0.3295, 0.3419



82.0680, 0.3343, 0.3454



51.2653, 0.3281, 0.3544



10.3041, 0.3276, 0.3405



12.8904, 0.5388, 0.4104



0.6358, 0.5029, 0.4389

Inverse Universe

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



45.4648, 0.2967, 0.3158



78.5085, 0.2924, 0.3120



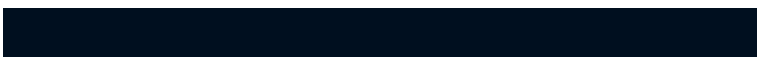
41.5565, 0.2966, 0.3023



9.9914, 0.2984, 0.3172



8.0593, 0.1777, 0.1596



0.4466, 0.1898, 0.2033

Previews

White Background



This preview shows how the Yxy color 47.0644, 0.3295, 0.3419 looks on a white background.

Color Contrast Check

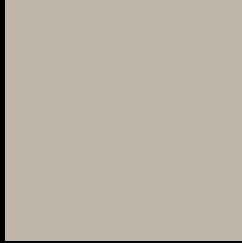
Large Text (above 18pt) WCAG AA × Fail

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 47.0644, 0.3295, 0.3419 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

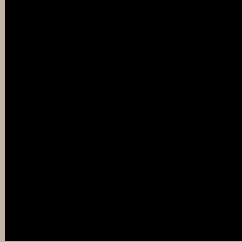
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

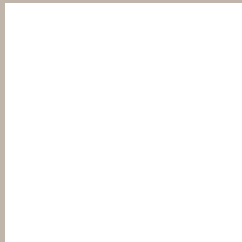
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.0644, 0.3295, 0.3419

Background



This preview shows how black text looks on a background with the Yxy color 47.0644, 0.3295, 0.3419.

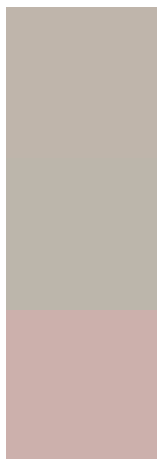


This preview shows how white text looks on a background with the Yxy color 47.0644, 0.3295, 0.3419.

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

47.0644, 0.3295, 0.3419

Protanopia

47.0875, 0.3268, 0.3433

Deuteranopia

46.8666, 0.3412, 0.3341



Tritanopia

47.1159, 0.3153, 0.3115

Trichromacy



Original Color

47.0644, 0.3295, 0.3419

Protanomaly

47.2150, 0.3276, 0.3433

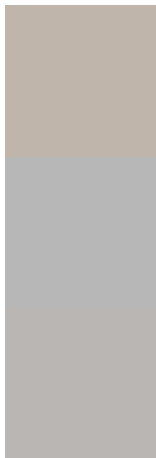
Deuteranomaly

46.9615, 0.3363, 0.3366

Tritanomaly

47.0383, 0.3208, 0.3227

Monochromacy



Original Color

47.0644, 0.3295, 0.3419

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

47.1497, 0.3185, 0.3329

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.0644, 0.3295, 0.3419 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, 181, 171)` looks like.

```
.text, #text, p{  
    color:rgb(191, 181, 171)  
}
```

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, 181, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 181, 171) }
```

Border

The CSS property to change the border of an element to Yxy 47.0644, 0.3295, 0.3419 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, 181, 171) }
```

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

```
.border{ border-color:rgb(191, 181, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 181, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 181, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 181, 171);  
box-shadow:4px 4px 4px 4px rgb(191, 181,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 47.0644, 0.3295, 0.3419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 181, 171) }
```

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

```
.background{ background-color: rgb(191,  
181, 171) }
```

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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