

Converting Colors

$Yxy(47.5752, 0.3233, 0.3435)$

Have a look what the booklet for
Yxy(47.5752, 0.3233, 0.3435)
contains.

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Color

Yxy(47.7372, 0.3231, 0.3433)

Conversions

Conversions Part 1

Format	Color
Hex	BAB8AD
RGB	186, 184, 173
RGB Percent	73%, 72%, 68%
CMY	0.2707, 0.2784, 0.3215
CMYK	0.00, 0.01, 0.07, 0.27
HSL	51°, 9%, 70%
HSV	51°, 7%, 73%
XYZ	44.9283, 47.7372, 46.3884
YIQ	183.3440, 4.7230, -2.9970

Conversions

Conversions Part 2

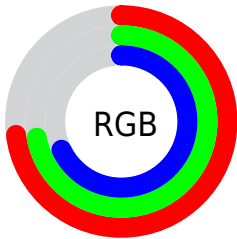
Format	Color
RYB	175, 186, 173
Decimal	12236973
CIELab	74.66, -1.28, 5.82
CIELCh	75, 5.956, 102.412
Yxy	47.7372, 0.3231, 0.3433
Android (android.graphics.Color)	4290427053 (0xFFBAB8AD)
YUV	183.3440, -5.0996, 2.3293
Hunter-Lab	69.0921, -4.8386, 8.5572

Details

The Yxy color $47.7372, 0.3231, 0.3433$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $43.0786, 0.3022, 0.3143$, and the grayscale version is $47.5784, 0.3127, 0.3290$.

A 20% lighter version of the original color is $86.7989, 0.3214, 0.3412$, and $22.5996, 0.3259, 0.3468$ is the 20% darker color. If you saturate the color by 10%, you get $45.9133, 0.3388, 0.3645$, and if you desaturate by 10%, it is $49.6886, 0.3084, 0.3229$.

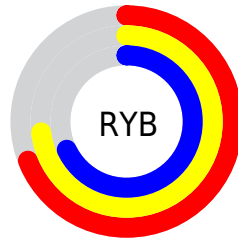
Distribution



Red (73%)

Green (72%)

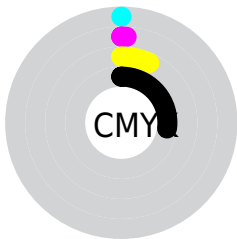
Blue (68%)



Red (69%)

Yellow (73%)

Blue (68%)

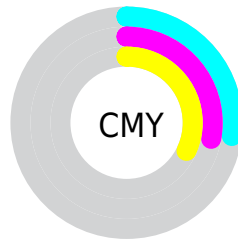


Cyan (0%)

Magenta (1%)

Yellow (7%)

Black (27%)



Cyan (27%)


Magenta (28%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.7372, 0.3231, 0.3433 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 47.7372, 0.3231, 0.3433 by changing the saturation by 10% instead.

 47.7372, 0.3231,
0.3433

 47.7372, 0.3231,
0.3433


377.7495, 0.3179,
0.3362

 33.6188, 0.3244,
0.3451


 86.8130, 0.3212,
0.3407

 22.6009, 0.3260,
0.3474


112.5392, 0.3205,
0.3397

 14.2991, 0.3282,
0.3504


142.9035, 0.3199,
0.3389

 8.3290, 0.3312,
0.3547

178.2902, 0.3194,
0.3382

 4.3062, 0.3357,
0.3611

219.0837, 0.3190,
0.3376

 1.8463, 0.3431,
0.3717

265.6686, 0.3186,

 0.5158, 0.4063,

0.3371

0.4566

318.4290, 0.3182,
0.3366

0.0000, 0.0000,
0.0000

47.7372, 0.3231,
0.3433

47.7372, 0.3231,
0.3433

45.9133, 0.3388,
0.3645

49.6886, 0.3084,
0.3229

44.2065, 0.3552,
0.3861

51.7653, 0.2947,
0.3037

42.6143, 0.3720,
0.4074

53.9732, 0.2822,
0.2858

41.1318, 0.3886,
0.4276

56.3159, 0.2709,
0.2692

39.7538, 0.4043,
0.4458

58.0681, 0.2668,
0.2648

■ 38.4743, 0.4186,
0.4609

■ 59.3643, 0.2671,
0.2681

■ 37.2868, 0.4307,
0.4721

■ 60.6844, 0.2674,
0.2713

■ 36.1836, 0.4402,
0.4790

■ 62.0286, 0.2677,
0.2746

■ 35.1542, 0.4469,
0.4815

■ 63.3970, 0.2680,
0.2778

Harmonies

Analogous

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



47.7372, 0.3280, 0.3404



47.7372, 0.3231, 0.3433



47.7372, 0.3155, 0.3424

Triad

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



47.7372, 0.3231, 0.3433



47.7372, 0.2970, 0.3232



47.7372, 0.3182, 0.3206

Complementary

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



47.7372, 0.3231, 0.3433



43.0786, 0.3022, 0.3143

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.



47.7372, 0.3098, 0.3161



47.7372, 0.3231, 0.3433



47.7372, 0.2977, 0.3175

Square

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



47.7372, 0.3231, 0.3433



47.7372, 0.3004, 0.3306



47.7372, 0.3023, 0.3150



47.7372, 0.3251, 0.3272

Rectangle

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



47.7372, 0.3231, 0.3433



47.7372, 0.3099, 0.3396



47.7372, 0.3023, 0.3150



47.7372, 0.3154, 0.3188

Sweetspot

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



47.7393, 0.3231, 0.3433



88.2776, 0.3157, 0.3331



43.4302, 0.3225, 0.3262



19.4483, 0.3155, 0.3329



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.



47.7393, 0.3231, 0.3433



86.1648, 0.3249, 0.3457



48.0251, 0.3192, 0.3460



10.2660, 0.3267, 0.3483



23.5423, 0.4483, 0.4823



0.8932, 0.4397, 0.4891

Inverse Universe

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



43.0786, 0.3022, 0.3143



76.3753, 0.3004, 0.3117



42.8231, 0.3059, 0.3118



8.9326, 0.2984, 0.3090



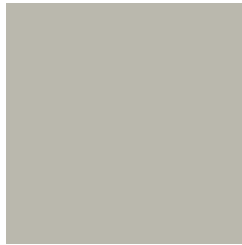
3.0175, 0.1539, 0.0740



0.1760, 0.1648, 0.1132

Previews

White Background



This preview shows how the Yxy color 47.7372, 0.3231, 0.3433 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 47.7372, 0.3231, 0.3433 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

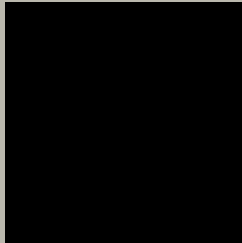
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

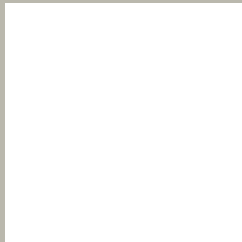
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.7372, 0.3231, 0.3433

Background



This preview shows how black text looks on a background with the Yxy color 47.7372, 0.3231, 0.3433.



This preview shows how white text looks on a background with the Yxy color 47.7372, 0.3231, 0.3433.

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

47.7372, 0.3231, 0.3433

Protanopia

47.7927, 0.3276, 0.3432

Deuteranopia

47.4794, 0.3402, 0.3328



Tritanopia

47.8067, 0.3085, 0.3114

Trichromacy



Original Color

47.7372, 0.3231, 0.3433

Protanomaly

47.6643, 0.3267, 0.3432

Deuteranomaly

47.7043, 0.3334, 0.3366

Tritanomaly

47.7351, 0.3139, 0.3226

Monochromacy



Original Color

47.7372, 0.3231, 0.3433

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

47.3120, 0.3167, 0.3342

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.7372, 0.3231, 0.3433 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(186, 184, 173)` looks like.

```
.text, #text, p{  
    color:rgb(186, 184, 173)  
}
```

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(186, 184, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 184, 173) }
```

Border

The CSS property to change the border of an element to Yxy 47.7372, 0.3231, 0.3433 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(186, 184, 173) }
```

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

```
.border{ border-color:rgb(186, 184, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 184, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 184, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 184, 173);  
box-shadow:4px 4px 4px 4px rgb(186, 184,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 47.7372, 0.3231, 0.3433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 184, 173) }
```

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

```
.background{ background-color: rgb(186,  
184, 173) }
```

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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