

Converting Colors

Yxy(44.6764, 0.3301, 0.3411)

Have a look what the booklet for
Yxy(44.6764, 0.3301, 0.3411)
contains.

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Color

Yxy(44.7991, 0.3299, 0.3422)

Conversions

Conversions Part 1

Format	Color
Hex	BBB1A7
RGB	187, 177, 167
RGB Percent	73%, 69%, 65%
CMY	0.2667, 0.3059, 0.3451
CMYK	0.00, 0.05, 0.11, 0.27
HSL	30°, 13%, 69%
HSV	30°, 11%, 73%
XYZ	43.1888, 44.7991, 42.9270
YIQ	178.8500, 9.1700, -0.9900

Conversions

Conversions Part 2

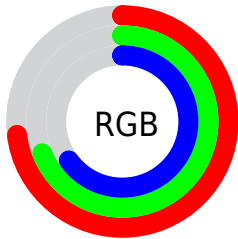
Format	Color
RYB	187, 187, 167
Decimal	12300711
CIELab	72.76, 1.81, 6.38
CIELCh	73, 6.635, 74.130
Yxy	44.7991, 0.3299, 0.3422
Android (android.graphics.Color)	4290490791 (0xFFBBB1A7)
YUV	178.8500, -5.8421, 7.1475
Hunter-Lab	66.9321, -1.9517, 8.8268

Details

The Yxy color $44.7991, 0.3299, 0.3422$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $43.2391, 0.2963, 0.3154$, and the grayscale version is $45.0236, 0.3127, 0.3290$.

A 20% lighter version of the original color is $82.6064, 0.3266, 0.3403$, and $20.7214, 0.3355, 0.3453$ is the 20% darker color. If you saturate the color by 10%, you get $40.5952, 0.3483, 0.3552$, and if you desaturate by 10%, it is $49.3593, 0.3138, 0.3298$.

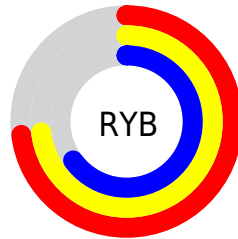
Distribution



Red (73%)

Green (69%)

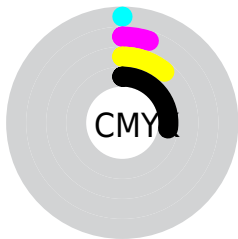
Blue (65%)



Red (73%)

Yellow (73%)

Blue (65%)

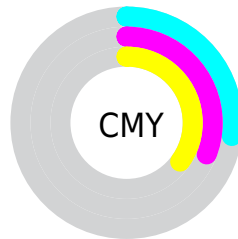


Cyan (0%)

Magenta (5%)

Yellow (11%)

Black (27%)



Cyan (27%)


Magenta (31%)


Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.7991, 0.3299, 0.3422 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 44.7991, 0.3299, 0.3422 by changing the saturation by 10% instead.


 44.7991, 0.3299,
0.3422

 44.7991, 0.3299,
0.3422

365.9593, 0.3212,
0.3356

 31.2992, 0.3321,
0.3439


 82.4189, 0.3267,
0.3398

 20.8268, 0.3349,
0.3460


 107.3075, 0.3255,
0.3389

 12.9975, 0.3387,
0.3488


136.7612, 0.3245,
0.3381

 7.4268, 0.3441,
0.3528

171.1644, 0.3237,
0.3375

 3.7304, 0.3522,
0.3587

210.9014, 0.3230,
0.3369

 1.5239, 0.3659,
0.3686

256.3566, 0.3223,

 0.3055, 0.5228,

0.3364

0.4772

307.9144, 0.3217,
0.3360

0.0000, 0.0000,
0.0000

44.7991, 0.3299,
0.3422

44.7991, 0.3299,
0.3422

40.5952, 0.3483,
0.3552

49.3593, 0.3138,
0.3298

36.7325, 0.3691,
0.3687

54.2788, 0.2997,
0.3183

33.2032, 0.3923,
0.3820

59.5682, 0.2874,
0.3076

29.9970, 0.4177,
0.3945

65.2356, 0.2767,
0.2977

27.1029, 0.4445,
0.4052

70.9301, 0.2703,
0.2944

■ 24.5091, 0.4719,
0.4129

■ 76.0785, 0.2713,
0.3049

■ 22.2029, 0.4981,
0.4163

■ 81.5066, 0.2723,
0.3153

■ 20.1698, 0.5216,
0.4146

■ 87.2186, 0.2733,
0.3254

■ 18.5025, 0.5406,
0.4089

■ 89.3039, 0.2736,
0.3289

Harmonies

Analogous

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



44.7991, 0.3311, 0.3356



44.7991, 0.3299, 0.3422



44.7991, 0.3241, 0.3453

Triad

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



44.7991, 0.3299, 0.3422



44.7991, 0.2984, 0.3304



44.7991, 0.3099, 0.3146

Complementary

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



44.7991, 0.3299, 0.3422



43.2391, 0.2963, 0.3154

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.



44.7991, 0.3013, 0.3130



44.7991, 0.3299, 0.3422



44.7991, 0.2947, 0.3220

Square

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



44.7991, 0.3299, 0.3422



44.7991, 0.3059, 0.3385



44.7991, 0.2958, 0.3157



44.7991, 0.3194, 0.3198

Rectangle

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



44.7991, 0.3299, 0.3422



44.7991, 0.3184, 0.3450



44.7991, 0.2958, 0.3157



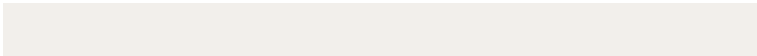
44.7991, 0.3069, 0.3136

Sweetspot

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



44.8011, 0.3299, 0.3422



86.4301, 0.3174, 0.3327



41.3737, 0.3226, 0.3159



18.8853, 0.3186, 0.3337



95.5105, 0.3127, 0.3290



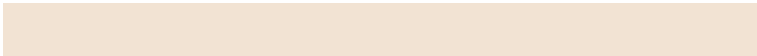
19.5994, 0.3127, 0.3290

Same Dimension

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



44.8011, 0.3299, 0.3422



78.2912, 0.3343, 0.3454



48.8915, 0.3284, 0.3550



10.3043, 0.3276, 0.3405



12.8939, 0.5388, 0.4104



0.6359, 0.5028, 0.4389

Inverse Universe

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



43.2391, 0.2963, 0.3154



74.8944, 0.2924, 0.3120



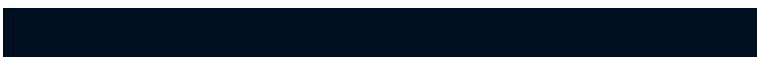
39.4382, 0.2962, 0.3017



9.9912, 0.2984, 0.3172



8.0558, 0.1777, 0.1595



0.4464, 0.1898, 0.2033

Previews

White Background



This preview shows how the Yxy color 44.7991, 0.3299, 0.3422 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 44.7991, 0.3299, 0.3422 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

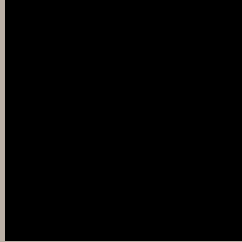
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

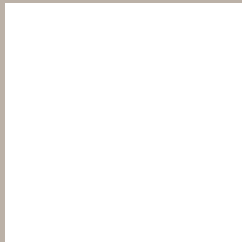
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.7991, 0.3299, 0.3422

Background



This preview shows how black text looks on a background with the Yxy color 44.7991, 0.3299, 0.3422.

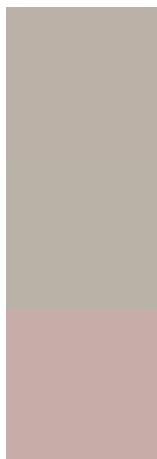


This preview shows how white text looks on a background with the Yxy color 44.7991, 0.3299, 0.3422.

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

44.7991, 0.3299, 0.3422

Protanopia

44.8212, 0.3271, 0.3436

Deuteranopia

44.6116, 0.3419, 0.3342



Tritanopia

44.8501, 0.3153, 0.3112

Trichromacy



Original Color

44.7991, 0.3299, 0.3422

Protanomaly

44.9451, 0.3280, 0.3436

Deuteranomaly

44.7014, 0.3369, 0.3368

Tritanomaly

44.7740, 0.3210, 0.3226

Monochromacy



Original Color

44.7991, 0.3299, 0.3422

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

44.8810, 0.3186, 0.3330

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.7991, 0.3299, 0.3422 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, 177, 167)` looks like.

```
.text, #text, p{  
    color:rgb(187, 177, 167)  
}
```

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, 177, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 177, 167) }
```

Border

The CSS property to change the border of an element to Yxy 44.7991, 0.3299, 0.3422 is called "border". The border property can be set on classes, ids or directly on the HTML element.

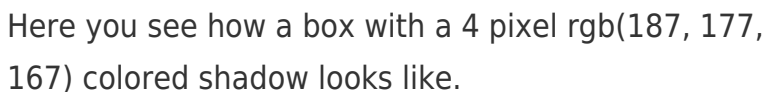
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(187, 177, 167) }
```

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

```
.border{ border-color:rgb(187, 177, 167) }
```

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



Here you see how a box with a 4 pixel `rgb(187, 177, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 177, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 177, 167);  
box-shadow:4px 4px 4px 4px rgb(187, 177,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 44.7991, 0.3299, 0.3422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 177, 167) }
```

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

```
.background{ background-color: rgb(187,  
177, 167) }
```

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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