

Converting Colors

Yxy(44.9445, 0.3198, 0.3306)

Have a look what the booklet for
Yxy(44.9445, 0.3198, 0.3306)
contains.

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Color

Yxy(44.7692, 0.3197, 0.3303)

Conversions

Conversions Part 1

Format	Color
Hex	B8B1B0
RGB	184, 177, 176
RGB Percent	72%, 69%, 69%
CMY	0.2783, 0.3059, 0.3097
CMYK	0.00, 0.04, 0.04, 0.28
HSL	7°, 5%, 71%
HSV	7°, 4%, 72%
XYZ	43.3325, 44.7692, 47.4394
YIQ	178.9790, 4.4930, 1.1730

Conversions

Conversions Part 2

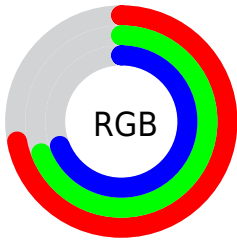
Format	Color
RYB	184, 177, 176
Decimal	12104112
CIELab	72.74, 2.33, 1.38
CIELCh	73, 2.703, 30.682
Yxy	44.7692, 0.3197, 0.3303
Android (android.graphics.Color)	4290294192 (0xFFB8B1B0)
YUV	178.9790, -1.4686, 4.4034
Hunter-Lab	66.9098, -1.4910, 4.8000

Details

The Yxy color **44.7692, 0.3197, 0.3303** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.5836, 0.3061, 0.3277**, and the grayscale version is **45.0771, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.6293, 0.3181, 0.3300**, and **20.6958, 0.3212, 0.3290** is the 20% darker color. If you saturate the color by 10%, you get **38.0812, 0.3383, 0.3335**, and if you desaturate by 10%, it is **52.3158, 0.3045, 0.3274**.

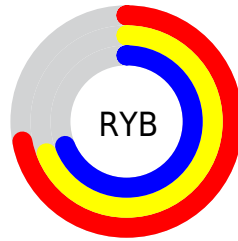
Distribution



Red (72%)

Green (69%)

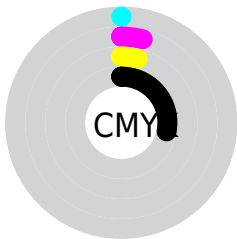
Blue (69%)



Red (72%)

Yellow (69%)

Blue (69%)

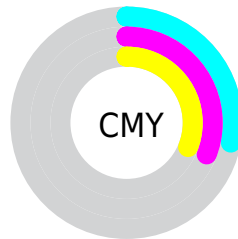


Cyan (0%)

Magenta (4%)

Yellow (4%)

Black (28%)



Cyan (28%)

Magenta (31%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.7692, 0.3197, 0.3303 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 44.7692, 0.3197, 0.3303 by changing the saturation by 10% instead.

■ 44.7692, 0.3197,
0.3303

■ 44.7692, 0.3197,
0.3303

365.8380, 0.3162,
0.3297

■ 31.2757, 0.3206,
0.3305

■ 82.3740, 0.3184,
0.3301

■ 20.8089, 0.3217,
0.3307

107.2540, 0.3179,
0.3300

■ 12.9844, 0.3233,
0.3309

136.6983, 0.3175,
0.3299

■ 7.4178, 0.3255,
0.3313

171.0913, 0.3172,
0.3298

■ 3.7247, 0.3288,
0.3318

210.8174, 0.3169,
0.3298

■ 1.5208, 0.3344,
0.3327

256.2609, 0.3166,

■ 0.3033, 0.3911,

0.3297

0.3438

307.8063, 0.3164,
0.3297

0.0000, 0.0000,
0.0000

44.7692, 0.3197,
0.3303

44.7692, 0.3197,
0.3303

38.0812, 0.3383,
0.3335

52.3158, 0.3045,
0.3274

32.2158, 0.3610,
0.3368

60.7438, 0.2921,
0.3247

27.1429, 0.3886,
0.3402

70.0826, 0.2819,
0.3223

22.8284, 0.4217,
0.3435

80.3584, 0.2734,
0.3201

19.2358, 0.4603,
0.3462

88.9343, 0.2721,
0.3289

■ 16.3254, 0.5031,
0.3478

■ 14.0539, 0.5471,
0.3476

■ 12.3728, 0.5870,
0.3452

■ 11.2264, 0.6171,
0.3406

Harmonies

Analogous

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



44.7692, 0.3174, 0.3269



44.7692, 0.3197, 0.3303



44.7692, 0.3202, 0.3334

Triad

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



44.7692, 0.3197, 0.3303



44.7692, 0.3116, 0.3340



44.7692, 0.3069, 0.3228

Complementary

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



44.7692, 0.3197, 0.3303



46.5836, 0.3061, 0.3277

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.



44.7692, 0.3053, 0.3246



44.7692, 0.3197, 0.3303



44.7692, 0.3081, 0.3311

Square

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



44.7692, 0.3197, 0.3303



44.7692, 0.3155, 0.3356



44.7692, 0.3058, 0.3277



44.7692, 0.3099, 0.3226

Rectangle

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



44.7692, 0.3197, 0.3303



44.7692, 0.3193, 0.3348



44.7692, 0.3058, 0.3277



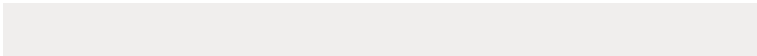
44.7692, 0.3061, 0.3232

Sweetspot

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



44.7711, 0.3197, 0.3303



85.5186, 0.3143, 0.3293



44.6742, 0.3140, 0.3198



18.4514, 0.3142, 0.3293



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



44.7711, 0.3197, 0.3303



80.1946, 0.3209, 0.3305



46.3607, 0.3193, 0.3355



9.7521, 0.3218, 0.3307



7.4876, 0.6281, 0.3394



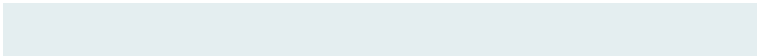
0.3218, 0.5919, 0.3682

Inverse Universe

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



46.5836, 0.3061, 0.3277



84.0091, 0.3050, 0.3275



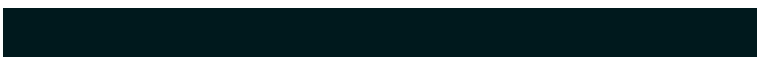
44.9698, 0.3062, 0.3224



10.2657, 0.3042, 0.3273



20.1590, 0.2141, 0.2906



0.7636, 0.2171, 0.3014

Previews

White Background



This preview shows how the Yxy color 44.7692, 0.3197, 0.3303 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 44.7692, 0.3197, 0.3303 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

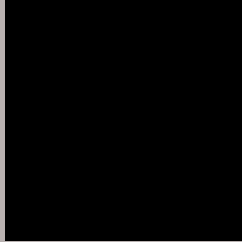
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

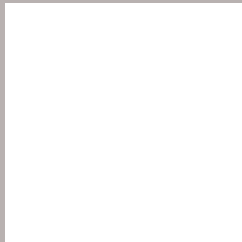
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.7692, 0.3197, 0.3303

Background



This preview shows how black text looks on a background with the Yxy color 44.7692, 0.3197, 0.3303.

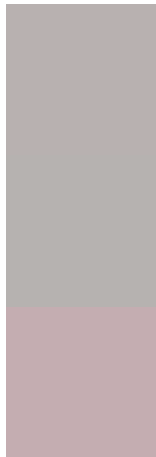


This preview shows how white text looks on a background with the Yxy color 44.7692, 0.3197, 0.3303.

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

44.7692, 0.3197, 0.3303

Protanopia

44.9205, 0.3178, 0.3317

Deuteranopia

44.7972, 0.3301, 0.3240



Tritanopia

44.7732, 0.3109, 0.3110

Trichromacy



Original Color

44.7692, 0.3197, 0.3303

Protanomaly

45.0427, 0.3187, 0.3316

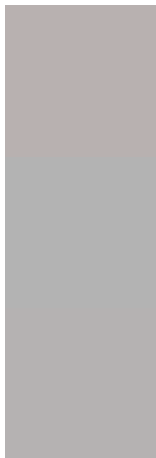
Deuteranomaly

44.6529, 0.3263, 0.3252

Tritanomaly

44.8256, 0.3141, 0.3186

Monochromacy



Original Color

44.7692, 0.3197, 0.3303

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

44.8789, 0.3153, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.7692, 0.3197, 0.3303 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(184, 177, 176)` looks like.

```
.text, #text, p{  
    color:rgb(184, 177, 176)  
}
```

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(184, 177, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 177, 176) }
```

Border

The CSS property to change the border of an element to Yxy 44.7692, 0.3197, 0.3303 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(184, 177, 176) }
```

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

```
.border{ border-color:rgb(184, 177, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 177, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 177, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 177, 176);  
box-shadow:4px 4px 4px 4px rgb(184, 177,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 44.7692, 0.3197, 0.3303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 177, 176) }
```

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

```
.background{ background-color: rgb(184,  
177, 176) }
```

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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