

Converting Colors

$Y_{xy}(22.0613, 0.4005, 0.3301)$

Have a look what the booklet for
Yxy(22.0613, 0.4005, 0.3301)
contains.

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Color

Yxy(22.0831, 0.4013, 0.3307)

Conversions

Conversions Part 1

Format	Color
Hex	B1706F
RGB	177, 112, 111
RGB Percent	69%, 44%, 44%
CMY	0.3058, 0.5608, 0.5646
CMYK	0.00, 0.37, 0.37, 0.31
HSL	1°, 30%, 56%
HSV	1°, 37%, 69%
XYZ	26.7975, 22.0831, 17.8962
YIQ	131.3210, 39.0610, 13.4690

Conversions

Conversions Part 2

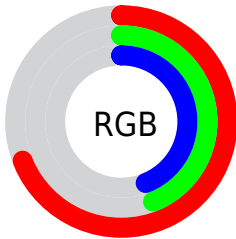
Format	Color
R_{YB}	177, 112, 111
Decimal	11628655
CIE _{Lab}	54.12, 25.64, 11.33
CIE _{LCh}	54, 28.033, 23.846
Yxy	22.0831, 0.4013, 0.3307
Android (android.graphics.Color)	4289818735 (0xFFB1706F)
YUV	131.3210, -10.0183, 40.0605
Hunter-Lab	46.9927, 19.5524, 10.3155

Details

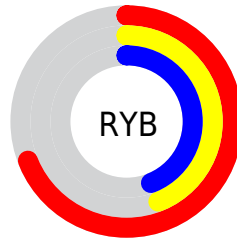
The Yxy color **22.0831, 0.4013, 0.3307** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **37.6215, 0.2613, 0.3273**, and the grayscale version is **22.8448, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.6877, 0.3808, 0.3303**, and **8.0515, 0.4377, 0.3294** is the 20% darker color. If you saturate the color by 10%, you get **18.2491, 0.4387, 0.3312**, and if you desaturate by 10%, it is **26.7420, 0.3703, 0.3302**.

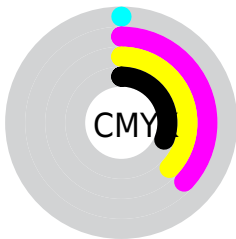
Distribution



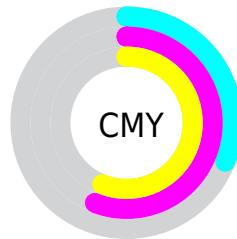
- Red (69%)
- Green (44%)
- Blue (44%)



- Red (69%)
- Yellow (44%)
- Blue (44%)



- Cyan (0%)
- Magenta (37%)
- Yellow (37%)
- Black (31%)





- Cyan (31%)
- Magenta (56%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.0831, 0.4013, 0.3307 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 22.0831, 0.4013, 0.3307 by changing the saturation by 10% instead.


 22.0831, 0.4013,
0.3307


 22.0831, 0.4013,
0.3307


262.9799, 0.3511,
0.3311

 13.9180, 0.4162,
0.3300


 46.8833, 0.3814,
0.3312

 8.0636, 0.4370,
0.3284


 64.2872, 0.3744,
0.3313

 4.1357, 0.4679,
0.3251

 85.5394, 0.3688,
0.3313

 1.7498, 0.5179,
0.3173

 111.0244, 0.3640,
0.3313

 0.4556, 0.7030,
0.2970

141.1266, 0.3600,
0.3312

 0.0000, 1.0000,
0.0000

176.2303, 0.3566,

 0.0000, 0.0000,

0.3312

0.0000

216.7199, 0.3536,
0.3311

■ 22.0831, 0.4013,
0.3307

■ 22.0831, 0.4013,
0.3307

■ 18.2491, 0.4387,
0.3312

■ 26.7420, 0.3703,
0.3302

■ 15.1889, 0.4821,
0.3315

■ 32.2663, 0.3451,
0.3297

■ 12.8508, 0.5290,
0.3317


■ 38.6982, 0.3249,
0.3293


■ 11.1756, 0.5744,
0.3317


■ 46.0757, 0.3086,
0.3289


■ 10.0947, 0.6112,
0.3313

■ 54.4349, 0.2956,
0.3285

 9.5184, 0.6339,
0.3308

 63.8100, 0.2850,
0.3282

 9.4048, 0.6389,
0.3309

 74.2335, 0.2764,
0.3279

 85.7365, 0.2693,
0.3277

 88.0882, 0.2686,
0.3289

Harmonies

Analogous

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



22.0831, 0.3631, 0.2932



22.0831, 0.4013, 0.3307



22.0831, 0.4131, 0.3704

Triad

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



22.0831, 0.4013, 0.3307



22.0831, 0.3068, 0.4077



22.0831, 0.2334, 0.2531

Complementary

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



22.0831, 0.4013, 0.3307



37.6215, 0.2613, 0.3273

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.



22.0831, 0.2215, 0.2759



22.0831, 0.4013, 0.3307



22.0831, 0.2613, 0.3676

Square

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



22.0831, 0.4013, 0.3307



22.0831, 0.3561, 0.4202



22.0831, 0.2310, 0.3171



22.0831, 0.2653, 0.2500

Rectangle

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



22.0831, 0.4013, 0.3307



22.0831, 0.4044, 0.3941



22.0831, 0.2310, 0.3171



22.0831, 0.2271, 0.2584

Sweetspot

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



22.0842, 0.4013, 0.3307



64.5965, 0.3323, 0.3295



23.8974, 0.3170, 0.2385



13.6691, 0.3349, 0.3295



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



22.0842, 0.4013, 0.3307



33.6245, 0.4327, 0.3311



30.4483, 0.3838, 0.3772



8.5246, 0.3287, 0.3294



6.8212, 0.6387, 0.3310



0.2212, 0.6331, 0.3355

Inverse Universe

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



37.6215, 0.2613, 0.3273



65.6135, 0.2521, 0.3269



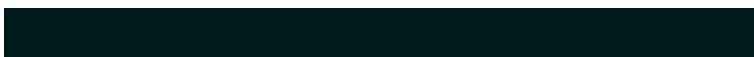
26.5077, 0.2538, 0.2750



9.6096, 0.2986, 0.3286



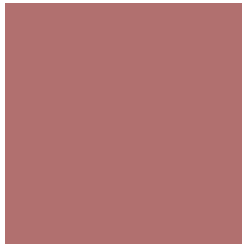
24.3520, 0.2234, 0.3243



0.7730, 0.2238, 0.3256

Previews

White Background



This preview shows how the Yxy color 22.0831, 0.4013, 0.3307 looks on a white background.

Color Contrast Check

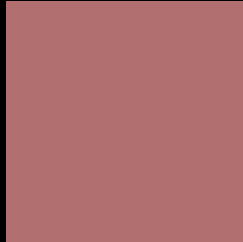
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.0831, 0.4013, 0.3307 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

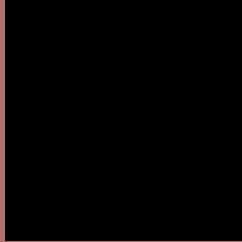
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.0831, 0.4013, 0.3307

Background



This preview shows how black text looks on a background with the Yxy color 22.0831, 0.4013, 0.3307.



This preview shows how white text looks on a background with the Yxy color 22.0831, 0.4013, 0.3307.

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

22.0831, 0.4013, 0.3307

Protanopia

22.1249, 0.3286, 0.3450

Deuteranopia

22.2554, 0.3628, 0.3561



Tritanopia

22.1658, 0.3920, 0.3174

Trichromacy



Original Color

22.0831, 0.4013, 0.3307

Protanomaly

21.9343, 0.3537, 0.3392

Deuteranomaly

22.0323, 0.3766, 0.3453

Tritanomaly

22.0948, 0.3962, 0.3219

Monochromacy



Original Color

22.0831, 0.4013, 0.3307

Achromatopsia

22.6966, 0.3127, 0.3290

Achromatomaly

22.1664, 0.3423, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.0831, 0.4013, 0.3307 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(177, 112, 111)` looks like.

```
.text, #text, p{  
    color:rgb(177, 112, 111)  
}
```

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(177, 112, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 112, 111) }
```

Border

The CSS property to change the border of an element to Yxy 22.0831, 0.4013, 0.3307 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(177, 112, 111) }
```

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

```
.border{ border-color:rgb(177, 112, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 112, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 112, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 112, 111);  
box-shadow:4px 4px 4px 4px rgb(177, 112,  
111) }
```


Background

The CSS property to change the background color of an element to Yxy 22.0831, 0.4013, 0.3307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 112, 111) }
```

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

```
.background{ background-color: rgb(177,  
112, 111) }
```

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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