

Converting Colors

$Y_{xy}(27.1177, 0.4250, 0.4097)$

Have a look what the booklet for
Yxy(27.1177, 0.4250, 0.4097)
contains.

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Color

Yxy(27.2251, 0.4244, 0.4102)

Conversions

Conversions Part 1

Format	Color
Hex	B1874E
RGB	177, 135, 78
RGB Percent	69%, 53%, 31%
CMY	0.3060, 0.4705, 0.6941
CMYK	0.00, 0.24, 0.56, 0.31
HSL	35°, 39%, 50%
HSV	35°, 56%, 69%
XYZ	28.1676, 27.2251, 10.9776
YIQ	141.0600, 43.3290, -8.8230

Conversions

Conversions Part 2

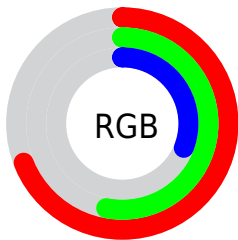
Format	Color
RYB	151, 177, 78
Decimal	11634510
CIELab	59.18, 9.29, 36.54
CIELCh	59, 37.703, 75.729
Yxy	27.2251, 0.4244, 0.4102
Android (android.graphics.Color)	4289824590 (0xFFB1874E)
YUV	141.0600, -31.0886, 31.5194
Hunter-Lab	52.1777, 5.0504, 24.0504

Details

The Yxy color $27.2251, 0.4244, 0.4102$ is a dark color, and the websafe version is hex `CC9966`. A complement of this color would be $18.2188, 0.2219, 0.2272$, and the grayscale version is $26.7726, 0.3127, 0.3290$.

A 20% lighter version of the original color is $55.1871, 0.4026, 0.3958$, and $10.6609, 0.4590, 0.4299$ is the 20% darker color. If you saturate the color by 10%, you get $24.9847, 0.4485, 0.4211$, and if you desaturate by 10%, it is $29.6840, 0.4007, 0.3968$.

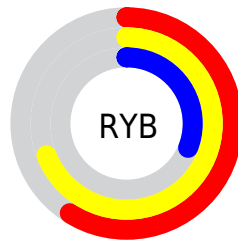
Distribution



Red (69%)

Green (53%)

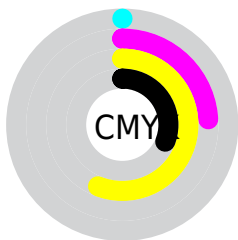
Blue (31%)



Red (59%)

Yellow (69%)

Blue (31%)

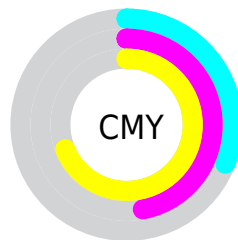


Cyan (0%)

Magenta (24%)

Yellow (56%)

Black (31%)



Cyan (31%)


Magenta (47%)


Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.2251, 0.4244, 0.4102 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 27.2251, 0.4244, 0.4102 by changing the saturation by 10% instead.


 27.2251, 0.4244,
0.4102

 27.2251, 0.4244,
0.4102


288.7454, 0.3647,
0.3691


 17.7424, 0.4398,
0.4197


 55.2449, 0.4021,
0.3956


 10.7652, 0.4595,
0.4309


 74.5507, 0.3939,
0.3899


 5.9092, 0.4845,
0.4432


 97.8996, 0.3870,
0.3851

 2.7899, 0.5319,
0.4681

 125.6761, 0.3812,
0.3810

 1.0231, 0.5488,
0.4512

 158.2646, 0.3762,
0.3774

 0.0000, 1.0000,
0.0000

196.0493, 0.3718,

 0.0000, 0.0000,

0.3743

0.0000

239.4148, 0.3681,
0.3715

■ 27.2251, 0.4244,
0.4102

■ 27.2251, 0.4244,
0.4102

■ 24.9847, 0.4485,
0.4211

■ 29.6840, 0.4007,
0.3968

■ 22.9504, 0.4718,
0.4284

■ 32.3655, 0.3783,
0.3821

■ 21.1137, 0.4931,
0.4311

■ 35.2782, 0.3575,
0.3669

■ 19.4630, 0.5112,
0.4285

■ 38.4291, 0.3387,
0.3518

■ 18.8359, 0.5182,
0.4267

■ 41.8248, 0.3218,
0.3373

■ 45.4714, 0.3068,
0.3235

■ 49.3750, 0.2936,
0.3107

■ 53.5414, 0.2820,
0.2989

■ 57.9760, 0.2717,
0.2880

Harmonies

Analogous

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



27.2251, 0.4382, 0.3647



27.2251, 0.4244, 0.4102



27.2251, 0.3804, 0.4406

Triad

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



27.2251, 0.4244, 0.4102



27.2251, 0.2195, 0.3297



27.2251, 0.2944, 0.2437

Complementary

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



27.2251, 0.4244, 0.4102



18.2188, 0.2219, 0.2272

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.



27.2251, 0.2411, 0.2311



27.2251, 0.4244, 0.4102



27.2251, 0.2015, 0.2734

Square

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



27.2251, 0.4244, 0.4102



27.2251, 0.2619, 0.3945



27.2251, 0.2091, 0.2401



27.2251, 0.3588, 0.2740

Rectangle

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



27.2251, 0.4244, 0.4102



27.2251, 0.3413, 0.4435



27.2251, 0.2091, 0.2401



27.2251, 0.2747, 0.2373

Sweetspot

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



27.2264, 0.4244, 0.4102



68.0463, 0.3411, 0.3538



16.1715, 0.4025, 0.2679



14.5041, 0.3447, 0.3567



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.



27.2264, 0.4244, 0.4102



43.9175, 0.4537, 0.4231



40.5762, 0.3854, 0.4632



9.2908, 0.3273, 0.3421



13.7725, 0.5168, 0.4278



0.5460, 0.4829, 0.4548

Inverse Universe

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



18.2188, 0.2219, 0.2272



26.2409, 0.2036, 0.2002



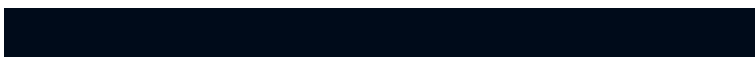
10.5348, 0.2120, 0.1555



8.8028, 0.2985, 0.3155



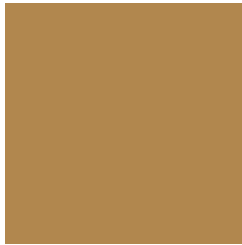
6.0660, 0.1711, 0.1360



0.3074, 0.1868, 0.1924

Previews

White Background



This preview shows how the Yxy color 27.2251, 0.4244, 0.4102 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 27.2251, 0.4244, 0.4102 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

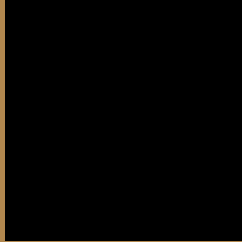
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.2251, 0.4244, 0.4102

Background



This preview shows how black text looks on a background with the Yxy color 27.2251, 0.4244, 0.4102.



This preview shows how white text looks on a background with the Yxy color 27.2251, 0.4244, 0.4102.

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

27.2251, 0.4244, 0.4102

Protanopia

27.4071, 0.3917, 0.4258

Deuteranopia

27.2723, 0.4212, 0.4124



Tritanopia

27.2184, 0.3655, 0.3148

Trichromacy



Original Color

27.2251, 0.4244, 0.4102

Protanomaly

27.2279, 0.4031, 0.4200

Deuteranomaly

27.3885, 0.4224, 0.4119

Tritanomaly

27.1969, 0.3884, 0.3510

Monochromacy



Original Color

27.2251, 0.4244, 0.4102

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

26.6433, 0.3519, 0.3630

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.2251, 0.4244, 0.4102 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, 135, 78)` looks like.

```
.text, #text, p{  
    color:rgb(177, 135, 78)  
}
```

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, 135, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 135, 78) }
```

Border

The CSS property to change the border of an element to Yxy 27.2251, 0.4244, 0.4102 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, 135, 78) }
```

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

```
.border{ border-color:rgb(177, 135, 78) }
```

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

Here you see how a box with a 4 pixel rgb(177, 135, 78) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 135, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 135, 78);  
box-shadow:4px 4px 4px 4px rgb(177, 135,  
78) }
```


Background

The CSS property to change the background color of an element to Yxy 27.2251, 0.4244, 0.4102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 135, 78) }
```

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

```
.background{ background-color: rgb(177,  
135, 78) }
```

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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