

Converting Colors

$Y_{xy}(22.4987, 0.4480, 0.4065)$

Have a look what the booklet for
Yxy(22.4987, 0.4480, 0.4065)
contains.

Yxy(22.4595, 0.4484, 0.4063)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(22.4595, 0.4484, 0.4063)

Conversions

Conversions Part 1

Format	Color
Hex	AD7741
RGB	173, 119, 65
RGB Percent	68%, 47%, 25%
CMY	0.3215, 0.5333, 0.7450
CMYK	0.00, 0.31, 0.62, 0.32
HSL	30°, 45%, 47%
HSV	30°, 62%, 68%
XYZ	24.7867, 22.4595, 8.0319
YIQ	128.9900, 49.5180, -5.3460

Conversions

Conversions Part 2

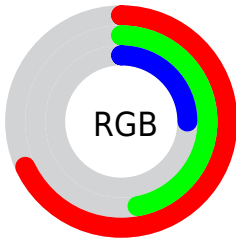
Format	Color
RYB	173, 173, 65
Decimal	11368257
CIELab	54.51, 15.52, 37.69
CIElCh	55, 40.762, 67.623
Yxy	22.4595, 0.4484, 0.4063
Android (android.graphics.Color)	4289558337 (0xFFAD7741)
YUV	128.9900, -31.5471, 38.5968
Hunter-Lab	47.3915, 10.4241, 23.1255

Details

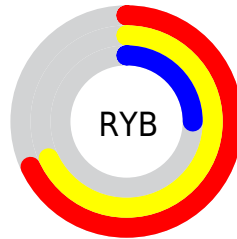
The Yxy color **22.4595, 0.4484, 0.4063** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **17.3423, 0.2157, 0.2291**, and the grayscale version is **22.0501, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.3525, 0.4195, 0.3925**, and **8.2059, 0.4944, 0.4210** is the 20% darker color. If you saturate the color by 10%, you get **20.3231, 0.4756, 0.4134**, and if you desaturate by 10%, it is **24.8471, 0.4215, 0.3960**.

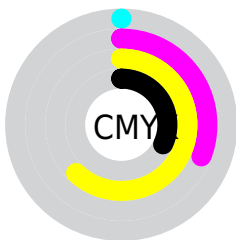
Distribution



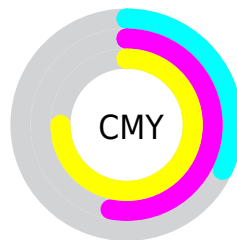
- Red (68%)
- Green (47%)
- Blue (25%)



- Red (68%)
- Yellow (68%)
- Blue (25%)



- Cyan (0%)
- Magenta (31%)
- Yellow (62%)
- Black (32%)



- Cyan (32%)
- Magenta (53%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 22.4595, 0.4484, 0.4063 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 22.4595, 0.4484, 0.4063 by changing the saturation by 10% instead.

■ 22.4595, 0.4484,
0.4063

■ 22.4595, 0.4484,
0.4063

264.9366, 0.3738,
0.3680

■ 14.1949, 0.4682,
0.4142

■ 47.5043, 0.4201,
0.3932

■ 8.2564, 0.4936,
0.4224

■ 65.0533, 0.4097,
0.3879

■ 4.2594, 0.5330,
0.4344

■ 86.4659, 0.4012,
0.3834

■ 1.8197, 0.5705,
0.4295

■ 112.1265, 0.3939,
0.3794

■ 0.4994, 0.6309,
0.3691

■ 142.4194, 0.3878,
0.3760

■ 0.0000, 0.0000,
0.0000

177.7292, 0.3825,

0.3730

218.4401, 0.3779,
0.3703

■ 22.4595, 0.4484,
0.4063

■ 22.4595, 0.4484,
0.4063

■ 20.3231, 0.4756,
0.4134

■ 24.8471, 0.4215,
0.3960

■ 18.4238, 0.5015,
0.4162

■ 27.4924, 0.3960,
0.3838

■ 16.7505, 0.5244,
0.4138

■ 30.4057, 0.3726,
0.3707

■ 15.6182, 0.5400,
0.4094

■ 33.5956, 0.3515,
0.3573

■ 37.0703, 0.3328,
0.3443

■ 40.8375, 0.3164,
0.3319

■ 44.9047, 0.3020,
0.3203

■ 49.2789, 0.2895,
0.3095

■ 53.9670, 0.2786,
0.2996

Harmonies

Analogous

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



22.4595, 0.4539, 0.3528



22.4595, 0.4484, 0.4063



22.4595, 0.4048, 0.4495

Triad

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



22.4595, 0.4484, 0.4063



22.4595, 0.2166, 0.3496



22.4595, 0.2729, 0.2267

Complementary

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



22.4595, 0.4484, 0.4063



17.3423, 0.2157, 0.2291

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.



22.4595, 0.2189, 0.2185



22.4595, 0.4484, 0.4063



22.4595, 0.1894, 0.2792

Square

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



22.4595, 0.4484, 0.4063



22.4595, 0.2705, 0.4234



22.4595, 0.1906, 0.2347



22.4595, 0.3451, 0.2557

Rectangle

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



22.4595, 0.4484, 0.4063



22.4595, 0.3626, 0.4625



22.4595, 0.1906, 0.2347



22.4595, 0.2523, 0.2215

Sweetspot

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



22.4606, 0.4484, 0.4063



62.0268, 0.3455, 0.3533



14.0438, 0.4018, 0.2501



13.1155, 0.3508, 0.3569



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



22.4606, 0.4484, 0.4063



35.0203, 0.4859, 0.4151



38.4729, 0.4001, 0.4694



8.6519, 0.3274, 0.3404



11.5867, 0.5384, 0.4107



0.4319, 0.4934, 0.4464

Inverse Universe

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



17.3423, 0.2157, 0.2291



25.0833, 0.1981, 0.2023



8.1344, 0.1942, 0.1348



8.3942, 0.2986, 0.3174



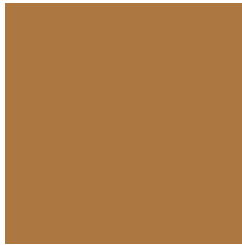
7.2821, 0.1779, 0.1605



0.3121, 0.1933, 0.2160

Previews

White Background



This preview shows how the Yxy color 22.4595, 0.4484, 0.4063 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 22.4595, 0.4484, 0.4063 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

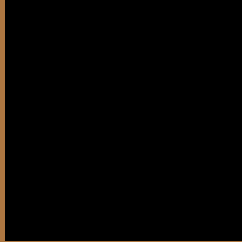
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.4595, 0.4484, 0.4063

Background



This preview shows how black text looks on a background with the Yxy color 22.4595, 0.4484, 0.4063.



This preview shows how white text looks on a background with the Yxy color 22.4595, 0.4484, 0.4063.

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

22.4595, 0.4484, 0.4063

Protanopia

22.5916, 0.3965, 0.4329

Deuteranopia

22.6145, 0.4285, 0.4221



Tritanopia

22.5378, 0.3871, 0.3174

Trichromacy



Original Color

22.4595, 0.4484, 0.4063

Protanomaly

22.5647, 0.4150, 0.4228

Deuteranomaly

22.5354, 0.4355, 0.4172

Tritanomaly

22.4312, 0.4118, 0.3501

Monochromacy



Original Color

22.4595, 0.4484, 0.4063

Achromatopsia

21.9526, 0.3127, 0.3290

Achromatomaly

21.7276, 0.3600, 0.3619

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.4595, 0.4484, 0.4063 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 $rgb(173, 119, 65)$ looks like.

```
.text, #text, p{  
    color:rgb(173, 119, 65)  
}
```

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(173, 119, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 119, 65) }
```

Border

The CSS property to change the border of an element to Yxy 22.4595, 0.4484, 0.4063 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(173, 119, 65) }
```

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

```
.border{ border-color:rgb(173, 119, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 119, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 119, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 119, 65);  
box-shadow:4px 4px 4px 4px rgb(173, 119,  
65) }
```


Background

The CSS property to change the background color of an element to Yxy 22.4595, 0.4484, 0.4063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 119, 65) }
```

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

```
.background{ background-color: rgb(173,  
119, 65) }
```

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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