

Converting Colors

$Y_{xy}(24.5582, 0.4376, 0.4055)$

Have a look what the booklet for
Yxy(24.5582, 0.4376, 0.4055)
contains.

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Color

Yxy(24.6197, 0.4376, 0.4060)

Conversions

Conversions Part 1

Format	Color
Hex	B07E48
RGB	176, 126, 72
RGB Percent	69%, 49%, 28%
CMY	0.3098, 0.5059, 0.7176
CMYK	0.00, 0.28, 0.59, 0.31
HSL	31°, 42%, 49%
HSV	31°, 59%, 69%
XYZ	26.5359, 24.6197, 9.4840
YIQ	134.7940, 47.1340, -6.1940

Conversions

Conversions Part 2

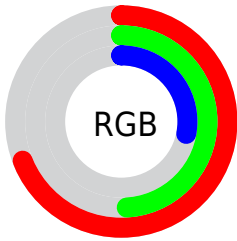
Format	Color
R_{YB}	168, 176, 72
Decimal	11566664
CIE _{Lab}	56.70, 13.41, 36.69
CIE _{LCh}	57, 39.069, 69.918
Yxy	24.6197, 0.4376, 0.4060
Android (android.graphics.Color)	4289756744 (0xFFB07E48)
YUV	134.7940, -30.9574, 36.1377
Hunter-Lab	49.6182, 8.6302, 23.4001

Details

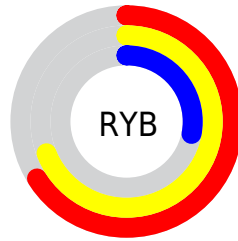
The Yxy color **24.6197, 0.4376, 0.4060** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **18.4321, 0.2194, 0.2315**, and the grayscale version is **24.2527, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.1378, 0.4115, 0.3929**, and **9.3710, 0.4781, 0.4237** is the 20% darker color. If you saturate the color by 10%, you get **22.3498, 0.4640, 0.4147**, and if you desaturate by 10%, it is **27.1409, 0.4117, 0.3945**.

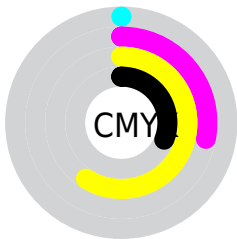
Distribution



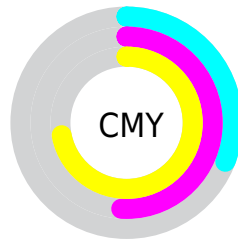
- Red (69%)
- Green (49%)
- Blue (28%)



- Red (66%)
- Yellow (69%)
- Blue (28%)



- Cyan (0%)
- Magenta (28%)
- Yellow (59%)
- Black (31%)





- Cyan (31%)
- Magenta (51%)
- Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.6197, 0.4376, 0.4060 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 24.6197, 0.4376, 0.4060 by changing the saturation by 10% instead.


 24.6197, 0.4376,
0.4060

 24.6197, 0.4376,
0.4060


275.9387, 0.3697,
0.3675


 15.7939, 0.4555,
0.4144


 51.0396, 0.4120,
0.3926


 9.3785, 0.4784,
0.4238


 69.4025, 0.4026,
0.3873


 4.9889, 0.5093,
0.4339

 91.7133, 0.3948,
0.3828

 2.2407, 0.5553,
0.4447

 118.3563, 0.3882,
0.3789

 0.7421, 0.5854,
0.4146

 149.7160, 0.3826,
0.3755

 0.0000, 0.0000,
0.0000

186.1766, 0.3777,

0.3725

228.1228, 0.3735,
0.3698

■ 24.6197, 0.4376,
0.4060

■ 24.6197, 0.4376,
0.4060

■ 22.3498, 0.4640,
0.4147

■ 27.1409, 0.4117,
0.3945

■ 20.3171, 0.4896,
0.4195

■ 29.9192, 0.3873,
0.3814

■ 18.5116, 0.5127,
0.4192

■ 32.9645, 0.3650,
0.3677

■ 16.9154, 0.5328,
0.4142

■ 36.2853, 0.3449,
0.3539

■ 16.7793, 0.5346,
0.4137

■ 39.8892, 0.3271,
0.3405

■ 43.7838, 0.3114,
0.3279

■ 47.9763, 0.2976,
0.3161

■ 52.4735, 0.2856,
0.3052

■ 57.2821, 0.2751,
0.2951

Harmonies

Analogous

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



24.6197, 0.4452, 0.3562



24.6197, 0.4376, 0.4060



24.6197, 0.3953, 0.4439

Triad

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



24.6197, 0.4376, 0.4060



24.6197, 0.2201, 0.3430



24.6197, 0.2805, 0.2343

Complementary

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



24.6197, 0.4376, 0.4060



18.4321, 0.2194, 0.2315

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.



24.6197, 0.2279, 0.2250



24.6197, 0.4376, 0.4060



24.6197, 0.1961, 0.2790

Square

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



24.6197, 0.4376, 0.4060



24.6197, 0.2693, 0.4116



24.6197, 0.1991, 0.2389



24.6197, 0.3485, 0.2630

Rectangle

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



24.6197, 0.4376, 0.4060



24.6197, 0.3552, 0.4530



24.6197, 0.1991, 0.2389



24.6197, 0.2606, 0.2288

Sweetspot

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



24.6209, 0.4376, 0.4060



66.2948, 0.3434, 0.3528



15.2772, 0.4010, 0.2579



13.9814, 0.3489, 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.



24.6209, 0.4376, 0.4060



39.3254, 0.4722, 0.4167



40.5504, 0.3936, 0.4665



9.2108, 0.3275, 0.3408



12.4283, 0.5330, 0.4150



0.5071, 0.4933, 0.4465

Inverse Universe

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



18.4321, 0.2194, 0.2315



27.0811, 0.2016, 0.2051



9.2147, 0.2014, 0.1432



8.8818, 0.2985, 0.3169



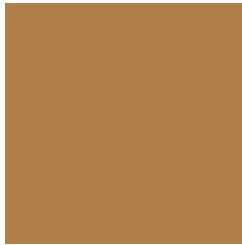
7.1386, 0.1761, 0.1539



0.3416, 0.1907, 0.2065

Previews

White Background



This preview shows how the Yxy color 24.6197, 0.4376, 0.4060 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 24.6197, 0.4376, 0.4060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

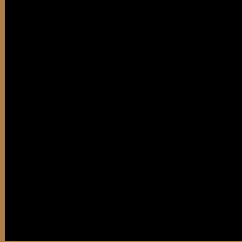
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.6197, 0.4376, 0.4060

Background



This preview shows how black text looks on a background with the Yxy color 24.6197, 0.4376, 0.4060.



This preview shows how white text looks on a background with the Yxy color 24.6197, 0.4376, 0.4060.

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

24.6197, 0.4376, 0.4060

Protanopia

24.6142, 0.3932, 0.4266

Deuteranopia

24.6357, 0.4241, 0.4169



Tritanopia

24.4555, 0.3789, 0.3161

Trichromacy



Original Color

24.6197, 0.4376, 0.4060

Protanomaly

24.3815, 0.4085, 0.4181

Deuteranomaly

24.7015, 0.4286, 0.4141

Tritanomaly

24.5855, 0.4020, 0.3498

Monochromacy



Original Color

24.6197, 0.4376, 0.4060

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

24.1564, 0.3564, 0.3624

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.6197, 0.4376, 0.4060 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(176, 126, 72)` looks like.

```
.text, #text, p{  
    color:rgb(176, 126, 72)  
}
```

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(176, 126, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 126, 72) }
```

Border

The CSS property to change the border of an element to Yxy 24.6197, 0.4376, 0.4060 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(176, 126, 72) }
```

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

```
.border{ border-color:rgb(176, 126, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 126, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 126, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 126, 72);  
box-shadow:4px 4px 4px 4px rgb(176, 126,  
72) }
```


Background

The CSS property to change the background color of an element to Yxy 24.6197, 0.4376, 0.4060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 126, 72) }
```

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

```
.background{ background-color: rgb(176,  
126, 72) }
```

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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