

Converting Colors

$Y_{xy}(24.4160, 0.4275, 0.3964)$

Have a look what the booklet for
Yxy(24.4160, 0.4275, 0.3964)
contains.

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Color

Yxy(24.4996, 0.4267, 0.3965)

Conversions

Conversions Part 1

Format	Color
Hex	AE7E50
RGB	174, 126, 80
RGB Percent	68%, 49%, 31%
CMY	0.3176, 0.5059, 0.6864
CMYK	0.00, 0.28, 0.54, 0.32
HSL	29°, 37%, 50%
HSV	29°, 54%, 68%
XYZ	26.3656, 24.4996, 10.9244
YIQ	135.1080, 43.3740, -4.1300

Conversions

Conversions Part 2

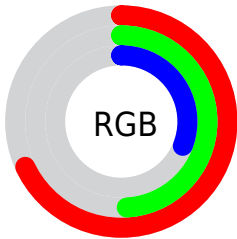
Format	Color
RYB	174, 170, 80
Decimal	11435600
CIELab	56.58, 13.22, 32.21
CIElCh	57, 34.821, 67.679
Yxy	24.4996, 0.4267, 0.3965
Android (android.graphics.Color)	4289625680 (0xFFAE7E50)
YUV	135.1080, -27.1682, 34.1083
Hunter-Lab	49.4971, 8.4619, 21.5622

Details

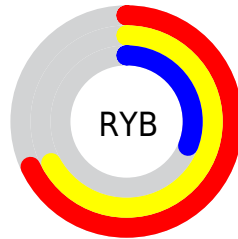
The Yxy color $24.4996, 0.4267, 0.3965$ is a dark color, and the websafe version is hex 996633 . A complement of this color would be $20.1966, 0.2281, 0.2468$, and the grayscale version is $24.3616, 0.3127, 0.3290$.

A 20% lighter version of the original color is $51.0077, 0.4030, 0.3847$, and $9.3395, 0.4670, 0.4140$ is the 20% darker color. If you saturate the color by 10%, you get $22.1039, 0.4542, 0.4061$, and if you desaturate by 10%, it is $27.1662, 0.4006, 0.3848$.

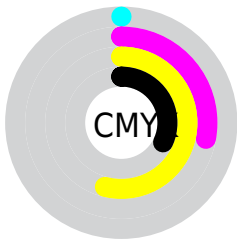
Distribution



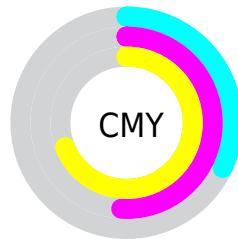
- Red (68%)
- Green (49%)
- Blue (31%)



- Red (68%)
- Yellow (67%)
- Blue (31%)



- Cyan (0%)
- Magenta (28%)
- Yellow (54%)
- Black (32%)




- Cyan (32%)
- Magenta (51%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.4996, 0.4267, 0.3965 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 24.4996, 0.4267, 0.3965 by changing the saturation by 10% instead.


 24.4996, 0.4267,
0.3965


 24.4996, 0.4267,
0.3965


275.3367, 0.3642,
0.3623


 15.7046, 0.4437,
0.4044


 50.8443, 0.4028,
0.3843


 9.3154, 0.4659,
0.4135


 69.1627, 0.3942,
0.3796


 4.9475, 0.4955,
0.4231

 91.4245, 0.3870,
0.3756

 2.2165, 0.5546,
0.4454

 118.0140, 0.3810,
0.3722

 0.7290, 0.5851,
0.4149

 149.3155, 0.3759,
0.3692

 0.0000, 0.0000,
0.0000

185.7136, 0.3714,

0.3666

227.5925, 0.3676,
0.3643

■ 24.4996, 0.4267,
0.3965

■ 24.4996, 0.4267,
0.3965

■ 22.1039, 0.4542,
0.4061

■ 27.1662, 0.4006,
0.3848

■ 19.9649, 0.4817,
0.4124

■ 30.1097, 0.3765,
0.3720

■ 18.0724, 0.5078,
0.4142

■ 33.3405, 0.3549,
0.3589

■ 16.4133, 0.5306,
0.4106

■ 36.8672, 0.3357,
0.3460

■ 15.5231, 0.5432,
0.4069

■ 40.6980, 0.3189,
0.3337

■ 44.8408, 0.3042,
0.3222

■ 49.3031, 0.2914,
0.3115

■ 54.0920, 0.2803,
0.3017

■ 59.2147, 0.2706,
0.2927

Harmonies

Analogous

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



24.4996, 0.4301, 0.3513



24.4996, 0.4267, 0.3965



24.4996, 0.3913, 0.4306

Triad

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



24.4996, 0.4267, 0.3965



24.4996, 0.2321, 0.3467



24.4996, 0.2800, 0.2418

Complementary

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



24.4996, 0.4267, 0.3965



20.1966, 0.2281, 0.2468

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.



24.4996, 0.2335, 0.2351



24.4996, 0.4267, 0.3965



24.4996, 0.2080, 0.2886

Square

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



24.4996, 0.4267, 0.3965



24.4996, 0.2783, 0.4057



24.4996, 0.2088, 0.2500



24.4996, 0.3403, 0.2669

Rectangle

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



24.4996, 0.4267, 0.3965



24.4996, 0.3560, 0.4393



24.4996, 0.2088, 0.2500



24.4996, 0.2624, 0.2373

Sweetspot

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



24.5008, 0.4267, 0.3965



65.3804, 0.3398, 0.3489



16.3076, 0.3847, 0.2586



14.2412, 0.3436, 0.3514



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.



24.5008, 0.4267, 0.3965



39.2306, 0.4600, 0.4078



39.2532, 0.3906, 0.4544



8.6382, 0.3275, 0.3401



11.3757, 0.5414, 0.4083



0.4263, 0.4953, 0.4449

Inverse Universe

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



20.1966, 0.2281, 0.2468



30.5841, 0.2111, 0.2242



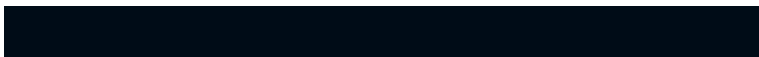
10.7274, 0.2109, 0.1624



8.4079, 0.2986, 0.3176



7.4986, 0.1789, 0.1639



0.3178, 0.1940, 0.2185

Previews

White Background



This preview shows how the Yxy color 24.4996, 0.4267, 0.3965 looks on a white background.

Color Contrast Check

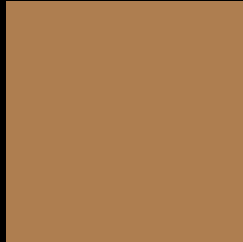
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.4996, 0.4267, 0.3965 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 24.4996, 0.4267, 0.3965

Background



This preview shows how black text looks on a background with the Yxy color 24.4996, 0.4267, 0.3965.



This preview shows how white text looks on a background with the Yxy color 24.4996, 0.4267, 0.3965.

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

24.4996, 0.4267, 0.3965

Protanopia

24.6380, 0.3840, 0.4149

Deuteranopia

24.5291, 0.4134, 0.4071



Tritanopia

24.4829, 0.3748, 0.3160

Trichromacy



Original Color

24.4996, 0.4267, 0.3965

Protanomaly

24.3962, 0.3989, 0.4070

Deuteranomaly

24.5899, 0.4179, 0.4044

Tritanomaly

24.4139, 0.3957, 0.3456

Monochromacy



Original Color

24.4996, 0.4267, 0.3965

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

24.1299, 0.3517, 0.3575

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.4996, 0.4267, 0.3965 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(174, 126, 80)` looks like.

```
.text, #text, p{  
    color:rgb(174, 126, 80)  
}
```

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(174, 126, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 126, 80) }
```

Border

The CSS property to change the border of an element to Yxy 24.4996, 0.4267, 0.3965 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(174, 126, 80) }
```

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

```
.border{ border-color:rgb(174, 126, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 126, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 126, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 126, 80);  
box-shadow:4px 4px 4px 4px rgb(174, 126,  
80) }
```


Background

The CSS property to change the background color of an element to Yxy 24.4996, 0.4267, 0.3965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 126, 80) }
```

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

```
.background{ background-color: rgb(174,  
126, 80) }
```

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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