

Converting Colors

$Y_{xy}(17.3136, 0.4960, 0.3876)$

Have a look what the booklet for
Yxy(17.3136, 0.4960, 0.3876)
contains.

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Color

Yxy(17.2344, 0.4957, 0.3877)

Conversions

Conversions Part 1

Format	Color
Hex	AE5E32
RGB	174, 94, 50
RGB Percent	68%, 37%, 20%
CMY	0.3176, 0.6314, 0.8039
CMYK	0.00, 0.46, 0.71, 0.32
HSL	21°, 55%, 44%
HSV	21°, 71%, 68%
XYZ	22.0353, 17.2344, 5.1832
YIQ	112.9040, 61.8040, 3.2760

Conversions

Conversions Part 2

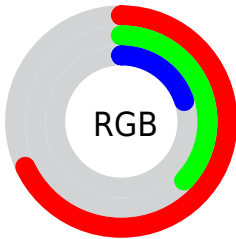
Format	Color
RYB	174, 118, 50
Decimal	11427378
CIELab	48.55, 28.91, 38.82
CIELCh	49, 48.398, 53.322
Yxy	17.2344, 0.4957, 0.3877
Android (android.graphics.Color)	4289617458 (0xFFAE5E32)
YUV	112.9040, -31.0117, 53.5812
Hunter-Lab	41.5143, 22.0956, 21.6575

Details

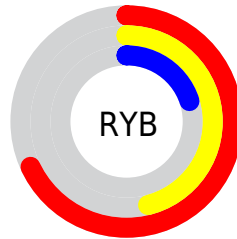
The Yxy color **17.2344, 0.4957, 0.3877** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **19.7028, 0.2128, 0.2475**, and the grayscale version is **16.5641, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.6251, 0.4560, 0.3807**, and **5.6714, 0.5617, 0.3889** is the 20% darker color. If you saturate the color by 10%, you get **15.2590, 0.5290, 0.3881**, and if you desaturate by 10%, it is **19.5592, 0.4617, 0.3833**.

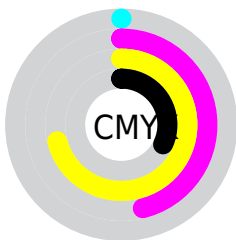
Distribution



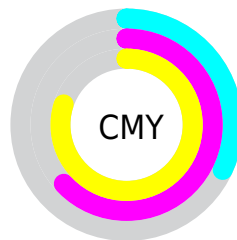
- Red (68%)
- Green (37%)
- Blue (20%)



- Red (68%)
- Yellow (46%)
- Blue (20%)



- Cyan (0%)
- Magenta (46%)
- Yellow (71%)
- Black (32%)





- Cyan (32%)
- Magenta (63%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.2344, 0.4957, 0.3877 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 17.2344, 0.4957, 0.3877 by changing the saturation by 10% instead.


 17.2344, 0.4957,
0.3877


 17.2344, 0.4957,
0.3877


236.5196, 0.3914,
0.3625


 10.4018, 0.5244,
0.3896


 38.7284, 0.4552,
0.3809


 5.6661, 0.5619,
0.3882

 54.1584, 0.4407,
0.3775


 2.6432, 0.6181,
0.3819

 73.2231, 0.4287,
0.3743

 0.9484, 0.6623,
0.3377

 96.3069, 0.4188,
0.3715

 0.0000, 1.0000,
0.0000

 123.7939, 0.4103,
0.3689

 0.0000, 0.0000,
0.0000

 156.0688, 0.4031,

0.3665

193.5159, 0.3968,
0.3644

■ 17.2344, 0.4957,
0.3877

■ 17.2344, 0.4957,
0.3877

■ 15.2590, 0.5290,
0.3881

■ 19.5592, 0.4617,
0.3833

■ 13.6109, 0.5589,
0.3836

■ 22.2481, 0.4292,
0.3762

■ 12.4162, 0.5813,
0.3766

■ 25.3183, 0.3996,
0.3674

■ 28.7848, 0.3735,
0.3578

■ 32.6618, 0.3507,
0.3482

■ 36.9629, 0.3313,
0.3389

■ 41.7007, 0.3146,
0.3301

■ 46.8875, 0.3005,
0.3219

■ 52.5352, 0.2884,
0.3144

Harmonies

Analogous

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



17.2344, 0.4782, 0.3226



17.2344, 0.4957, 0.3877



17.2344, 0.4569, 0.4527

Triad

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



17.2344, 0.4957, 0.3877



17.2344, 0.2178, 0.4049



17.2344, 0.2256, 0.1944

Complementary

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



17.2344, 0.4957, 0.3877



19.7028, 0.2128, 0.2475

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.



17.2344, 0.1756, 0.1964



17.2344, 0.4957, 0.3877



17.2344, 0.1700, 0.3014

Square

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



17.2344, 0.4957, 0.3877



17.2344, 0.2958, 0.4885



17.2344, 0.1570, 0.2296



17.2344, 0.3069, 0.2182

Rectangle

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



17.2344, 0.4957, 0.3877



17.2344, 0.4102, 0.4879



17.2344, 0.1570, 0.2296



17.2344, 0.2053, 0.1920

Sweetspot

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



17.2353, 0.4957, 0.3877



59.1593, 0.3510, 0.3483



12.9092, 0.3894, 0.2218



12.7105, 0.3568, 0.3509



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.



17.2353, 0.4957, 0.3877



25.7373, 0.5483, 0.3858



32.8081, 0.4236, 0.4660



8.4630, 0.3278, 0.3371



9.1077, 0.5793, 0.3782



0.3583, 0.5215, 0.4241

Inverse Universe

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



19.7028, 0.2128, 0.2475



30.1989, 0.1989, 0.2256



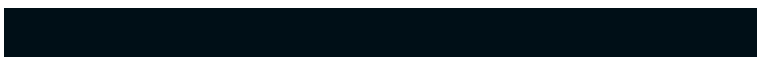
7.9424, 0.1843, 0.1324



8.5866, 0.2986, 0.3208



10.7790, 0.1918, 0.2105



0.3979, 0.2029, 0.2506

Previews

White Background



This preview shows how the Yxy color 17.2344, 0.4957, 0.3877 looks on a white 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

Black Background



This preview shows how the Yxy color 17.2344, 0.4957, 0.3877 looks on a black 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

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

Yxy 17.2344, 0.4957, 0.3877

Background



This preview shows how black text looks on a background with the Yxy color 17.2344, 0.4957, 0.3877.



This preview shows how white text looks on a background with the Yxy color 17.2344, 0.4957, 0.3877.

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

17.2344, 0.4957, 0.3877

Protanopia

17.3754, 0.4007, 0.4382

Deuteranopia

17.2784, 0.4410, 0.4337



Tritanopia

17.2011, 0.4388, 0.3206

Trichromacy



Original Color

17.2344, 0.4957, 0.3877

Protanomaly

17.0112, 0.4366, 0.4194

Deuteranomaly

17.0744, 0.4625, 0.4160

Tritanomaly

17.1606, 0.4613, 0.3467

Monochromacy



Original Color

17.2344, 0.4957, 0.3877

Achromatopsia

16.5132, 0.3127, 0.3290

Achromatomaly

16.1972, 0.3768, 0.3592

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.2344, 0.4957, 0.3877 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, 94, 50)` looks like.

```
.text, #text, p{  
    color:rgb(174, 94, 50)  
}
```

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, 94, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 94, 50) }
```

Border

The CSS property to change the border of an element to Yxy 17.2344, 0.4957, 0.3877 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, 94, 50) }
```

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

```
.border{ border-color:rgb(174, 94, 50) }
```

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

Here you see how a box with a 4 pixel rgb(174, 94, 50) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 94, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 94, 50);  
box-shadow:4px 4px 4px 4px rgb(174, 94,  
50) }
```


Background

The CSS property to change the background color of an element to Yxy 17.2344, 0.4957, 0.3877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 94, 50) }
```

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

```
.background{ background-color: rgb(174, 94,  
50) }
```

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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