

Converting Colors

YUV(108.6470, -24.4760,
57.3146)

Have a look what the booklet for
YUV(108.6470, -24.4760, 57.3146)
contains.

YUV(108.6470, -24.4760, 57.3146)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(108.6470, -24.4760,
57.3146)**

Conversions

Conversions Part 1

Format	Color
Hex	AE553B
RGB	174, 85, 59
RGB Percent	68%, 33%, 23%
CMY	0.3176, 0.6667, 0.7686
CMYK	0.00, 0.51, 0.66, 0.32
HSL	14°, 49%, 46%
HSV	14°, 66%, 68%
XYZ	21.4935, 15.8114, 6.0568
YIQ	108.6470, 61.3900, 10.7820

Conversions

Conversions Part 2

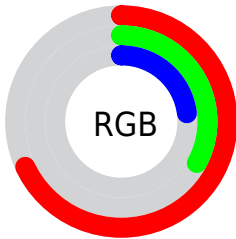
Format	Color
R_{YB}	174, 93, 59
Decimal	11425083
CIE Lab	46.73, 34.25, 31.80
CIE LCh	47, 46.737, 42.878
Yxy	15.8114, 0.4957, 0.3646
Android (android.graphics.Color)	4289615163 (0xFFAE553B)
YUV	108.6470, -24.4760, 57.3146
Hunter-Lab	39.7636, 26.8986, 18.8035

Details

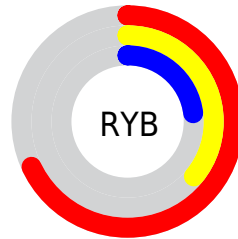
The YUV color **108.6470, -24.4760, 57.3146** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **124.3530, 24.4760, -57.3146**, and the grayscale version is **109.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **162.5830, -27.4024, 62.6327**, and **57.5260, -20.9653, 51.2817** is the 20% darker color. If you saturate the color by 10%, you get **99.0780, -28.1395, 65.7066**, and if you desaturate by 10%, it is **118.2160, -20.8125, 48.9226**.

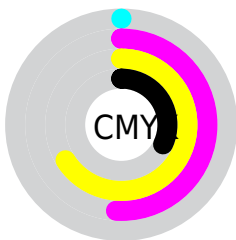
Distribution



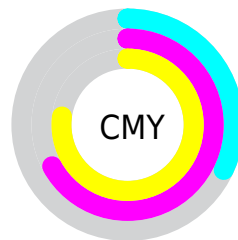
- Red (68%)
- Green (33%)
- Blue (23%)



- Red (68%)
- Yellow (36%)
- Blue (23%)



- Cyan (0%)
- Magenta (51%)
- Yellow (66%)
- Black (32%)



- Cyan (32%)
- Magenta (67%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YUV color 108.6470, -24.4760, 57.3146 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 YUV color 108.6470, -24.4760, 57.3146 by changing the saturation by 10% instead.

■ 108.6470,
-24.4760, 57.3146

■ 108.6470,
-24.4760, 57.3146

■ 255.0000, 0.0000,
0.0000

■ 82.7930, -22.5759,
54.5555

■ 162.5830,
-27.4024, 62.6327

■ 57.5260, -20.9653,
51.2817

■ 186.9740,
-27.1022, 59.6588

■ 31.0080, -15.2869,
49.9820

■ 206.4880,
-23.4116, 42.5450

■ 17.9400, -8.8444,
36.8866

■ 226.0020,
-19.7210, 25.4312

■ 10.2800, -4.5750,
20.8024

■ 246.2170,
-15.8830, 7.7027

■ 0.0000, 0.0000,
0.0000

■ 253.5180, -5.6784,

1.2997

■ 108.6470,
-24.4760, 57.3146

■ 108.6470,
-24.4760, 57.3146

■ 99.0780, -28.1395,
65.7066

■ 118.2160,
-20.8125, 48.9226

■ 88.8080, -31.9503,
74.7134

■ 128.4860,
-17.0016, 39.9158

■ 79.2390, -35.6138,
83.1054

■ 138.0550,
-13.3381, 31.5238

■ 74.9190, -36.9351,
86.8940

■ 148.3250, -9.5272,
22.5170

■ 157.8940, -5.8637,
14.1250

■ 168.0500, -2.4896,
5.2182

■ 177.7330, 1.6106,
-3.2738

■ 187.8890, 4.9847,
-12.1807

■ 197.5720, 9.0850,
-20.6726

Harmonies

Analogous

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



109.2730, -7.0366, 63.7816



108.6470, -24.4760, 57.3146



107.7850, -37.3620, 37.0226

Triad

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



108.6470, -24.4760, 57.3146



84.9400, 0.5226, -74.4924



105.3340, 40.2613, -33.6189

Complementary

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



108.6470, -24.4760, 57.3146



124.3530, 24.4760, -57.3146

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.



92.2310, 46.2281, -80.8866



108.6470, -24.4760, 57.3146



90.7880, 17.8525, -79.6211

Square

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



108.6470, -24.4760, 57.3146



99.4290, -24.3685, -24.0552



93.7180, 34.1560, -82.1907



114.2220, 27.0056, 18.2223

Rectangle

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



108.6470, -24.4760, 57.3146



105.5780, -40.2180, 19.6641



93.7180, 34.1560, -82.1907



92.9490, 47.3531, -68.3613

Sweetspot

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



108.6470, -24.4760, 57.3146



201.3250, -9.5272, 22.5170



103.6450, 22.3600, 61.7013



98.8940, -5.8637, 14.1250



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



108.6470, -24.4760, 57.3146



125.0010, -37.9615, 89.4531



141.5190, -40.6819, 28.4858



81.8650, -1.9054, 4.5034



64.8080, -31.9503, 74.7134



9.8120, -4.8373, 11.5659

Inverse Universe

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



124.3530, 24.4760, -57.3146



149.4120, 38.2509, -88.9383



91.4810, 40.6819, -28.4858



83.1350, 1.9054, -4.5034



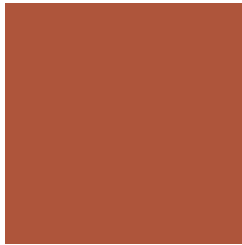
85.1920, 31.9503, -74.7134



13.1880, 4.8373, -11.5659

Previews

White Background



This preview shows how the YUV color 108.6470, -24.4760, 57.3146 looks on a white background.

Color Contrast Check

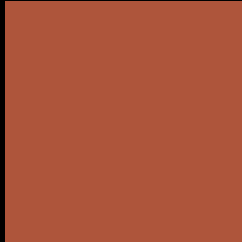
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 108.6470, -24.4760, 57.3146 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

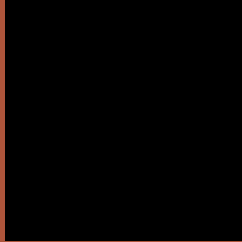
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 108.6470, -24.4760, 57.3146

Background



This preview shows how black text looks on a background with the YUV color 108.6470, -24.4760, 57.3146.



This preview shows how white text looks on a background with the YUV color 108.6470, -24.4760,

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

108.6470, -24.4760, 57.3146

Protanopia

109.3870, -20.4038, 11.0616

Deuteranopia

109.4550, -26.8463, 24.1570



Tritanopia

110.0890, -11.3829, 57.8039

Trichromacy



Original Color

108.6470, -24.4760, 57.3146

Protanomaly

109.4430, -21.9104, 27.6755

Deuteranomaly

108.7600, -26.0107, 36.1675

Tritanomaly

109.2370, -15.8928, 57.6742

Monochromacy



Original Color

108.6470, -24.4760, 57.3146

Achromatopsia

109.0000, 0.0000, 0.0000

Achromatomaly

108.8410, -8.7956, 21.1874

CSS Examples

Text

The CSS property to change the color of the text to YUV 108.6470, -24.4760, 57.3146 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, 85, 59)` looks like.

```
.text, #text, p{  
    color:rgb(174, 85, 59)  
}
```

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, 85, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 85, 59) }
```

Border

The CSS property to change the border of an element to YUV 108.6470, -24.4760, 57.3146 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, 85, 59) }
```


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

```
.border{ border-color:rgb(174, 85, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 85, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 85, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 85, 59);  
box-shadow:4px 4px 4px 4px rgb(174, 85,  
59) }
```

Background

The CSS property to change the background color of an element to YUV 108.6470, -24.4760, 57.3146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 85, 59) }
```

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

```
.background{ background-color: rgb(174, 85,  
59) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor