

Converting Colors

YUV(114.1860, -48.8987,
50.7029)

Have a look what the booklet for
YUV(114.1860, -48.8987, 50.7029)
contains.

YUV(114.1860, -48.8987, 50.7029)	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(114.1860, -48.8987,
50.7029)**

Conversions

Conversions Part 1

Format	Color
Hex	AC680F
RGB	172, 104, 15
RGB Percent	67%, 41%, 6%
CMY	0.3255, 0.5922, 0.9412
CMYK	0.00, 0.40, 0.91, 0.33
HSL	34°, 84%, 37%
HSV	34°, 91%, 67%
XYZ	22.0498, 18.7058, 2.9004
YIQ	114.1860, 69.0970, -13.2630

Conversions

Conversions Part 2

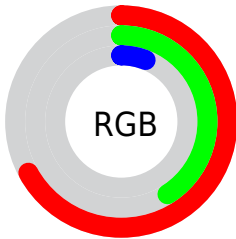
Format	Color
R_{YB}	135, 172, 15
Decimal	11298831
CIE _{Lab}	50.34, 21.27, 54.65
CIE _{LCh}	50, 58.646, 68.731
Yxy	18.7058, 0.5051, 0.4285
Android (android.graphics.Color)	4289488911 (0xFFAC680F)
YUV	114.1860, -48.8987, 50.7029
Hunter-Lab	43.2502, 15.3150, 26.2991

Details

The YUV color **114.1860, -48.8987, 50.7029** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **72.8140, 48.8987, -50.7029**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.3330, -48.4782, 55.8360**, and **66.9580, -33.0103, 41.2558** is the 20% darker color. If you saturate the color by 10%, you get **108.9540, -53.7143, 55.2913**, and if you desaturate by 10%, it is **120.2330, -43.4989, 45.3997**.

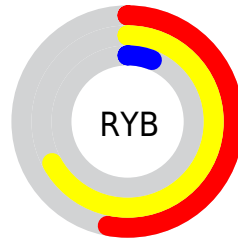
Distribution



Red (67%)

Green (41%)

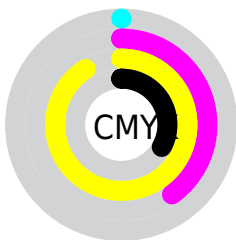
Blue (6%)



Red (53%)

Yellow (67%)

Blue (6%)

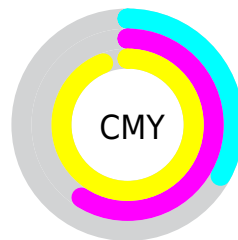


Cyan (0%)

Magenta (40%)

Yellow (91%)

Black (33%)



Cyan (33%)

Magenta (59%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the YUV color 114.1860, -48.8987, 50.7029 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 114.1860, -48.8987, 50.7029 by changing the saturation by 10% instead.

■ 114.1860,
-48.8987, 50.7029

■ 114.1860,
-48.8987, 50.7029

255.0000, 0.0000,
0.0000

■ 89.7170, -44.2305,
46.7292

■ 168.3330,
-48.4782, 55.8360

■ 66.9580, -33.0103,
41.2558

■ 194.0230,
-48.3253, 53.4768

■ 45.3730, -22.3689,
34.7529

■ 213.4230,
-45.0715, 36.4630

■ 24.9730, -12.3117,
28.9647

■ 232.9370,
-41.3809, 19.3493

■ 10.8780, -4.8699,
22.0320

■ 246.1080,
-34.0702, 7.7983

■ 0.0000, 0.0000,
0.0000

■ 249.3000,

-21.8399, 4.9989

252.4920, -9.6096,
2.1995

114.1860,
-48.8987, 50.7029

114.1860,
-48.8987, 50.7029

108.9540,
-53.7143, 55.2913

120.2330,
-43.4989, 45.3997

126.8670,
-38.3884, 39.5816

133.0280,
-32.5518, 34.1784

139.6620,
-27.4414, 28.3604

145.7090,
-22.0415, 23.0572

■ 152.3430,
-16.9311, 17.2392

■ 158.3900,
-11.5313, 11.9360

■ 165.1380, -5.9840,
6.0180

■ 171.1850, -0.5842,
0.7148

Harmonies

Analogous

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



114.7740, -27.0036, 74.7432



114.1860, -48.8987, 50.7029



110.4840, -54.4686, 17.1155

Triad

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



114.1860, -48.8987, 50.7029



99.1030, 16.7112, -86.9133



123.1320, 36.9099, 14.7932

Complementary

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



114.1860, -48.8987, 50.7029



72.8140, 48.8987, -50.7029

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.



95.9930, 60.6425, -84.1859



114.1860, -48.8987, 50.7029



103.4010, 38.2563, -90.6827

Square

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



114.1860, -48.8987, 50.7029



91.4140, -5.1341, -80.1701



103.5270, 53.9702, -90.7932



119.9070, 18.2868, 61.4716

Rectangle

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



114.1860, -48.8987, 50.7029



107.4250, -45.0725, -10.0197



103.5270, 53.9702, -90.7932



120.6070, 43.0847, -5.7943

Sweetspot

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



114.1860, -48.8987, 50.7029



201.8980, -18.6837, 19.3835



69.6950, 6.5594, 89.7215



99.0910, -11.3839, 11.3212



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



114.1860, -48.8987, 50.7029



141.5250, -69.7718, 72.3306



151.1120, -67.1032, 9.5488



83.6260, -2.7736, 2.9590



94.7450, -46.7093, 48.4586



14.5080, -7.1524, 7.4475

Inverse Universe

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



72.8140, 48.8987, -50.7029



82.4750, 69.7718, -72.3306



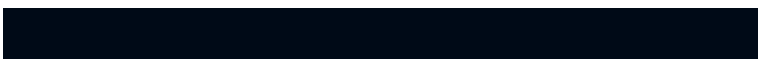
35.8880, 67.1032, -9.5488



81.3740, 2.7736, -2.9590



55.2550, 46.7093, -48.4586



8.4920, 7.1524, -7.4475

Previews

White Background



This preview shows how the YUV color 114.1860, -48.8987, 50.7029 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 YUV color 114.1860, -48.8987, 50.7029 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](#).

YUV 114.1860, -48.8987, 50.7029

Background



This preview shows how black text looks on a background with the YUV color 114.1860, -48.8987, 50.7029.



This preview shows how white text looks on a background with the YUV color 114.1860, -48.8987, 50.7029.

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

114.1860, -48.8987, 50.7029

Protanopia

113.9710, -46.3277, 19.3194

Deuteranopia

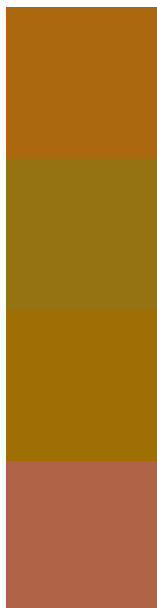
112.3660, -55.3964, 34.7590



Tritanopia

121.4190, -8.5876, 47.8675

Trichromacy



Original Color

114.1860, -48.8987, 50.7029

Protanomaly

114.1080, -47.3812, 30.6003

Deuteranomaly

112.6810, -53.0867, 40.6218

Tritanomaly

119.2330, -23.2859, 48.9077

Monochromacy



Original Color

114.1860, -48.8987, 50.7029

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

113.8270, -17.6627, 18.5687

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.1860, -48.8987, 50.7029 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(172, 104, 15)` looks like.

```
.text, #text, p{  
    color:rgb(172, 104, 15)  
}
```

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(172, 104, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 104, 15) }
```

Border

The CSS property to change the border of an element to YUV 114.1860, -48.8987, 50.7029 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(172, 104, 15) }
```


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

```
.border{ border-color:rgb(172, 104, 15) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 104, 15)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 104, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 104, 15);  
box-shadow:4px 4px 4px 4px rgb(172, 104,  
15) }
```

Background

The CSS property to change the background color of an element to YUV 114.1860, -48.8987, 50.7029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 104, 15) }
```

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

```
.background{ background-color: rgb(172,  
104, 15) }
```

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