

Converting Colors

YUV(114.1490, -52.8245,
49.8583)

Have a look what the booklet for
YUV(114.1490, -52.8245, 49.8583)
contains.

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Color

**YUV(114.1490, -52.8245,
49.8583)**

Conversions

Conversions Part 1

Format	Color
Hex	AB6A07
RGB	171, 106, 7
RGB Percent	67%, 42%, 3%
CMY	0.3294, 0.5843, 0.9725
CMYK	0.00, 0.38, 0.96, 0.33
HSL	36°, 92%, 35%
HSV	36°, 96%, 67%
XYZ	21.9870, 18.9813, 2.7059
YIQ	114.1490, 70.5190, -17.0090

Conversions

Conversions Part 2

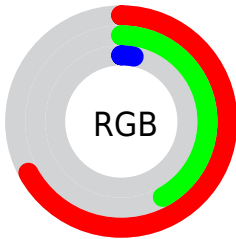
Format	Color
R_{YB}	115, 171, 7
Decimal	11233799
CIE Lab	50.67, 19.58, 56.58
CIE LCh	51, 59.869, 70.907
Yxy	18.9813, 0.5034, 0.4346
Android (android.graphics.Color)	4289423879 (0xFFAB6A07)
YUV	114.1490, -52.8245, 49.8583
Hunter-Lab	43.5676, 13.8392, 26.8149

Details

The YUV color **114.1490, -52.8245, 49.8583** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **63.8510, 52.8245, -49.8583**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.8660, -50.2199, 54.4915**, and **67.8330, -33.4417, 39.6115** is the 20% darker color. If you saturate the color by 10%, you get **111.5900, -55.0139, 52.1026**, and if you desaturate by 10%, it is **120.1960, -47.4246, 44.5551**.

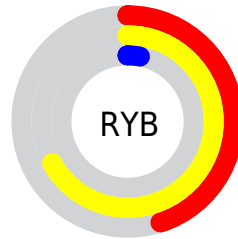
Distribution



Red (67%)

Green (42%)

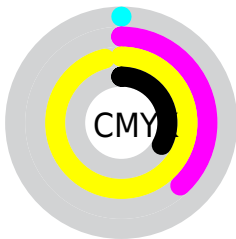
Blue (3%)



Red (45%)

Yellow (67%)

Blue (3%)

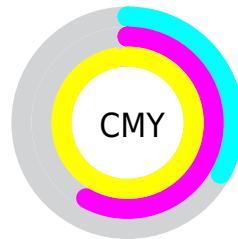


Cyan (0%)

Magenta (38%)

Yellow (96%)

Black (33%)



Cyan (33%)

Magenta (58%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the YUV color 114.1490, -52.8245, 49.8583 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 114.1490, -52.8245, 49.8583 by changing the saturation by 10% instead.

■ 114.1490,
-52.8245, 49.8583

■ 114.1490,
-52.8245, 49.8583

255.0000, 0.0000,
0.0000

■ 90.5920, -44.6619,
45.0848

■ 168.8660,
-50.2199, 54.4915

■ 67.8330, -33.4417,
39.6115

■ 194.8550,
-50.2145, 52.7472

■ 46.2480, -22.8003,
33.1085

■ 214.2550,
-46.9607, 35.7334

■ 25.8480, -12.7431,
27.3203

■ 233.7690,
-43.2701, 18.6196


■ 10.5790, -4.7224,
21.4172


■ 245.6520,
-35.8174, 8.1982


■ 0.0000, 0.0000,
0.0000


■ 248.9580,

-23.1503, 5.2988


 252.1500,
-10.9200, 2.4994


 114.1490,
-52.8245, 49.8583


 114.1490,
-52.8245, 49.8583


 111.5900,
-55.0139, 52.1026

 120.1960,
-47.4246, 44.5551

 126.2430,
-42.0248, 39.2519

 131.7030,
-36.3356, 34.4635

 137.7500,
-30.9357, 29.1603

 143.7970,
-25.5359, 23.8570

■ 149.9580,
-19.6993, 18.4538

■ 155.4180,
-14.0101, 13.6654

■ 161.4650, -8.6102,
8.3622

■ 167.5120, -3.2104,
3.0590

Harmonies

Analogous

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



115.2040, -29.1876, 75.2431



114.1490, -52.8245, 49.8583



111.0600, -54.7526, 14.8564

Triad

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



114.1490, -52.8245, 49.8583



100.2600, 18.6058, -87.9280



123.7520, 36.6043, 19.5115

Complementary

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



114.1490, -52.8245, 49.8583



63.8510, 52.8245, -49.8583

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.



102.9240, 58.7045, -69.2163



114.1490, -52.8245, 49.8583



104.6720, 40.5877, -91.7973

Square

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



114.1490, -52.8245, 49.8583



93.0440, -3.9657, -81.5996



103.9830, 55.7174, -91.1931



120.0000, 17.2550, 65.7750

Rectangle

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



114.1490, -52.8245, 49.8583



107.5170, -44.6249, -13.6084



103.9830, 55.7174, -91.1931



121.9280, 42.9265, -1.6909

Sweetspot

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



114.1490, -52.8245, 49.8583



199.4420, -20.4309, 19.7834



63.5600, 4.6539, 94.2249



98.7490, -12.6943, 11.6211



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.



114.1490, -52.8245, 49.8583



145.0360, -71.5027, 67.4974



147.5200, -69.2764, 6.5600



83.6260, -2.7736, 2.9590



98.2670, -48.4456, 45.3698



15.0950, -7.4418, 6.9327

Inverse Universe

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



63.8510, 52.8245, -49.8583



76.9640, 71.5027, -67.4974



30.4800, 69.2764, -6.5600



80.7870, 3.0630, -2.4442



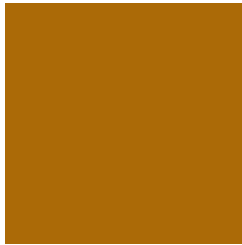
52.3200, 48.1562, -45.8846



7.9050, 7.4418, -6.9327

Previews

White Background



This preview shows how the YUV color 114.1490, -52.8245, 49.8583 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 114.1490, -52.8245, 49.8583 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 114.1490, -52.8245, 49.8583

Background



This preview shows how black text looks on a background with the YUV color 114.1490, -52.8245, 49.8583.



This preview shows how white text looks on a background with the YUV color 114.1490, -52.8245, 49.8583.

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

114.1490, -52.8245, 49.8583

Protanopia

113.5860, -49.0959, 20.5341

Deuteranopia

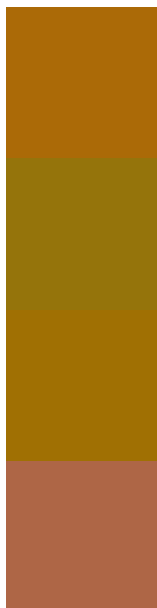
113.2520, -55.8332, 34.8590



Tritanopia

122.5220, -8.1453, 46.0232

Trichromacy



Original Color

114.1490, -52.8245, 49.8583

Protanomaly

113.8970, -50.7282, 30.7853

Deuteranomaly

113.9260, -54.6865, 40.4069

Tritanomaly

119.8800, -24.5908, 47.4632

Monochromacy



Original Color

114.1490, -52.8245, 49.8583

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

114.0720, -19.2625, 18.3539

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.1490, -52.8245, 49.8583 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(171, 106, 7)` looks like.

```
.text, #text, p{  
    color:rgb(171, 106, 7)  
}
```

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(171, 106, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 106, 7) }
```

Border

The CSS property to change the border of an element to YUV 114.1490, -52.8245, 49.8583 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(171, 106, 7) }
```


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

```
.border{ border-color:rgb(171, 106, 7) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 106, 7)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 106, 7); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 106, 7);  
box-shadow:4px 4px 4px 4px rgb(171, 106,  
7) }
```

Background

The CSS property to change the background color of an element to YUV 114.1490, -52.8245, 49.8583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 106, 7) }
```

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

```
.background{ background-color: rgb(171,  
106, 7) }
```

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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