

Converting Colors

YUV(114.6630, -45.6829,
45.8995)

Have a look what the booklet for
YUV(114.6630, -45.6829, 45.8995)
contains.

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Color

**YUV(114.6630, -45.6829,
45.8995)**

Conversions

Conversions Part 1

Format	Color
Hex	A76A16
RGB	167, 106, 22
RGB Percent	65%, 42%, 9%
CMY	0.3451, 0.5843, 0.9137
CMYK	0.00, 0.37, 0.87, 0.35
HSL	35°, 77%, 37%
HSV	35°, 87%, 65%
XYZ	21.2352, 18.5815, 3.2264
YIQ	114.6630, 63.3200, -13.1920

Conversions

Conversions Part 2

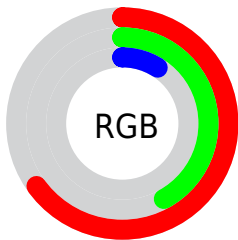
Format	Color
R_{YB}	127, 167, 22
Decimal	10971670
CIE Lab	50.19, 18.08, 52.24
CIE LCh	50, 55.277, 70.912
Yxy	18.5815, 0.4933, 0.4317
Android (android.graphics.Color)	4289161750 (0xFFA76A16)
YUV	114.6630, -45.6829, 45.8995
Hunter-Lab	43.1062, 12.4976, 25.7366

Details

The YUV color **114.6630, -45.6829, 45.8995** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **74.3370, 45.6829, -45.8995**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.5820, -46.1359, 51.2326**, and **66.9360, -32.9994, 37.7671** is the 20% darker color. If you saturate the color by 10%, you get **108.6160, -51.0827, 51.2028**, and if you desaturate by 10%, it is **120.7100, -40.2830, 40.5963**.

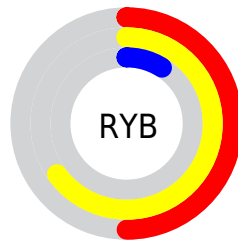
Distribution



Red (65%)

Green (42%)

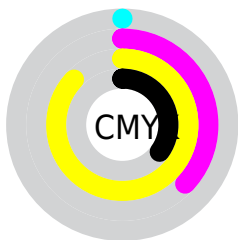
Blue (9%)



Red (50%)

Yellow (65%)

Blue (9%)

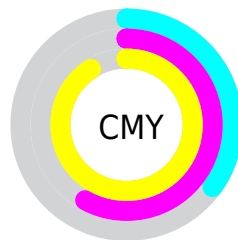


Cyan (0%)

Magenta (37%)

Yellow (87%)

Black (35%)



Cyan (35%)

Magenta (58%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 114.6630, -45.6829, 45.8995 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 114.6630, -45.6829, 45.8995 by changing the saturation by 10% instead.

■ 114.6630,
-45.6829, 45.8995

■ 114.6630,
-45.6829, 45.8995

255.0000, 0.0000,
0.0000

■ 89.3960, -44.0722,
42.6257

■ 168.5820,
-46.1359, 51.2326

■ 66.9360, -32.9994,
37.7671

■ 195.7670,
-46.7201, 51.9473

■ 45.9380, -22.6474,
30.7494

■ 215.1670,
-43.4663, 34.9335

■ 25.8370, -12.7376,
25.5760

■ 234.6810,
-39.7757, 17.8198

■ 9.6820, -4.2802,
19.5729

■ 246.5640,
-32.3231, 7.3984

■ 0.0000, 0.0000,
0.0000

■ 249.7560,

-20.0927, 4.5990

253.0620, -7.4256,
1.6996

114.6630,
-45.6829, 45.8995

114.6630,
-45.6829, 45.8995

108.6160,
-51.0827, 51.2028

120.7100,
-40.2830, 40.5963

106.8720,
-52.6879, 52.7323

126.6430,
-35.3200, 35.3931

132.6900,
-29.9202, 30.0899

138.7370,
-24.5203, 24.7867

144.7840,
-19.1205, 19.4834

■ 150.7170,
-14.1575, 14.2802

■ 156.7640, -8.7577,
8.9770

■ 162.8110, -3.3578,
3.6738

■ 168.7440, 1.6052,
-1.5295

Harmonies

Analogous

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



115.6270, -27.4241, 69.6101



114.6630, -45.6829, 45.8995



110.8580, -51.6950, 14.1565

Triad

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



114.6630, -45.6829, 45.8995



98.8580, 18.3110, -86.6985



122.6440, 33.6995, 17.8522

Complementary

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



114.6630, -45.6829, 45.8995



74.3370, 45.6829, -45.8995

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.



108.0740, 51.2355, -53.5619



114.6630, -45.6829, 45.8995



102.7000, 38.1089, -90.0679

Square

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



114.6630, -45.6829, 45.8995



92.0980, -2.5133, -80.7699



101.7830, 52.3650, -89.2637



119.7990, 15.3821, 59.8123

Rectangle

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



114.6630, -45.6829, 45.8995



108.3090, -39.0993, -12.5490



101.7830, 52.3650, -89.2637



121.0160, 39.4321, -0.8910

Sweetspot

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



114.6630, -45.6829, 45.8995



196.4140, -17.9521, 18.0539



72.5370, 6.1443, 82.8441



97.3190, -10.5103, 11.1212



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



114.6630, -45.6829, 45.8995



138.8450, -68.4506, 68.5419



147.4800, -61.8616, 8.3490



81.3270, -2.6262, 2.3442



94.7340, -46.7039, 46.7143



13.0240, -6.4208, 6.1180

Inverse Universe

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



74.3370, 45.6829, -45.8995



78.1550, 68.4506, -68.5419



41.5200, 61.8616, -8.3490



78.6730, 2.6262, -2.3442



53.2660, 46.7039, -46.7143



7.5630, 6.1314, -6.6328

Previews

White Background



This preview shows how the YUV color 114.6630, -45.6829, 45.8995 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 114.6630, -45.6829, 45.8995 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 114.6630, -45.6829, 45.8995

Background



This preview shows how black text looks on a background with the YUV color 114.6630, -45.6829, 45.8995.



This preview shows how white text looks on a background with the YUV color 114.6630, -45.6829, 45.8995.

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

114.6630, -45.6829, 45.8995

Protanopia

113.7690, -43.2701, 18.6196

Deuteranopia

113.8910, -48.2603, 32.5446



Tritanopia

121.3260, -7.5557, 43.5641

Trichromacy



Original Color

114.6630, -45.6829, 45.8995

Protanomaly

114.3080, -44.0288, 28.6709

Deuteranomaly

114.1520, -47.4029, 37.5777

Tritanomaly

119.2540, -21.8172, 44.5042

Monochromacy



Original Color

114.6630, -45.6829, 45.8995

Achromatopsia

115.0000, 0.0000, 0.0000

Achromatomaly

115.0440, -16.7837, 16.6244

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.6630, -45.6829, 45.8995 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(167, 106, 22)` looks like.

```
.text, #text, p{  
    color:rgb(167, 106, 22)  
}
```

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(167, 106, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 106, 22) }
```

Border

The CSS property to change the border of an element to YUV 114.6630, -45.6829, 45.8995 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(167, 106, 22) }
```


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

```
.border{ border-color:rgb(167, 106, 22) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 106, 22)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 106, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 106, 22);  
box-shadow:4px 4px 4px 4px rgb(167, 106,  
22) }
```

Background

The CSS property to change the background color of an element to YUV 114.6630, -45.6829, 45.8995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 106, 22) }
```

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

```
.background{ background-color: rgb(167,  
106, 22) }
```

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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