

Converting Colors

YUV(137.7630, 46.4588,
-14.7012)

Have a look what the booklet for
YUV(137.7630, 46.4588, -14.7012)
contains.

YUV(137.7630, 46.4588, -14.7012)	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(137.7630, 46.4588,
-14.7012)**

Conversions

Conversions Part 1

Format	Color
Hex	7980E8
RGB	121, 128, 232
RGB Percent	47%, 50%, 91%
CMY	0.5255, 0.4980, 0.0902
CMYK	0.48, 0.45, 0.00, 0.09
HSL	236°, 71%, 69%
HSV	236°, 48%, 91%
XYZ	30.1698, 25.3295, 79.6429
YIQ	137.7630, -37.5560, 30.8600

Conversions

Conversions Part 2

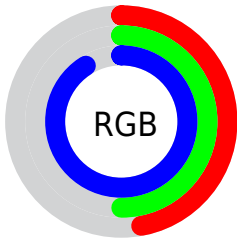
Format	Color
RYB	121, 128, 232
Decimal	7962856
CIELab	57.40, 24.72, -53.66
CIELCh	57, 59.077, 294.731
Yxy	25.3295, 0.2232, 0.1874
Android (android.graphics.Color)	4286152936 (0xFF7980E8)
YUV	137.7630, 46.4588, -14.7012
Hunter-Lab	50.3284, 18.9287, -58.5944

Details

The YUV color **137.7630, 46.4588, -14.7012** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **215.2370, -46.4588, 14.7012**, and the grayscale version is **137.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **188.8380, 32.6179, -8.6279**, and **84.9750, 44.8753, -20.1491** is the 20% darker color. If you saturate the color by 10%, you get **117.9720, 56.2158, -17.5154**, and if you desaturate by 10%, it is **157.5540, 36.7019, -11.8869**.

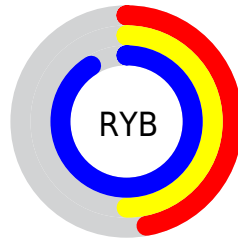
Distribution



Red (47%)

Green (50%)

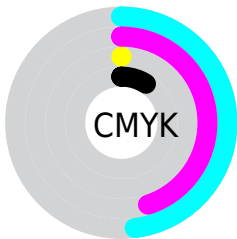
Blue (91%)



Red (47%)

Yellow (50%)

Blue (91%)

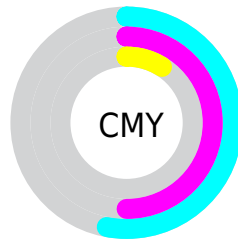


Cyan (48%)

Magenta (45%)

Yellow (0%)

Black (9%)



Cyan (53%)

Magenta (50%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 137.7630, 46.4588, -14.7012 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 137.7630, 46.4588, -14.7012 by changing the saturation by 10% instead.

■ 137.7630, 46.4588,
-14.7012

■ 137.7630, 46.4588,
-14.7012

255.0000, 0.0000,
0.0000

■ 111.1110, 45.3013,
-16.7603

■ 188.8380, 32.6179,
-8.6279

■ 84.9750, 44.8753,
-20.1491

■ 213.3580, 20.5295,
-4.6990

■ 57.3330, 45.1918,
-28.3560

■ 238.4650, 8.1518,
-1.2848

■ 34.4530, 43.1607,
-30.2153

■ 21.0370, 37.4498,
-18.4494

■ 8.2080, 31.4495,
-7.1984

■ 7.9340, 20.2455,

-6.9581

■ 3.6650, 11.5042,
-3.2142

■ 0.0000, 0.0000,
0.0000

■ 137.7630, 46.4588,
-14.7012

■ 137.7630, 46.4588,
-14.7012

■ 117.9720, 56.2158,
-17.5154

■ 157.5540, 36.7019,
-11.8869

■ 98.7680, 65.6834,
-20.8445

■ 176.7580, 27.2343,
-8.5578

■ 78.6780, 75.5877,
-24.2736

■ 196.8480, 17.3299,
-5.1287

■ 58.8870, 85.3447,
-27.0879

■ 216.6390, 7.5730,
-2.3144

■ 39.0960, 95.1017,
-29.9022

■ 236.4300, -2.1840,
0.4999

■ 35.2530, 96.9963,
-30.9169

■ 252.3780,
-10.0464, 2.2995

Harmonies

Analogous

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



113.7630, 62.7278, -99.7702



137.7630, 46.4588, -14.7012



141.3160, 27.9452, 43.5729

Triad

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



137.7630, 46.4588, -14.7012



134.2770, -40.0696, 65.5321



109.5720, 8.5920, -96.0946

Complementary

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



137.7630, 46.4588, -14.7012



215.2370, -46.4588, 14.7012

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.



115.6590, -20.0449, -57.5829



137.7630, 46.4588, -14.7012



131.1920, -54.8177, 35.7886

Square

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



137.7630, 46.4588, -14.7012



133.6470, -17.5740, 83.6246



127.0020, -46.8360, -4.3868



115.6140, 31.7423, -101.3935

Rectangle

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



137.7630, 46.4588, -14.7012



138.1100, 13.7498, 70.0635



127.0020, -46.8360, -4.3868



106.9330, 1.0190, -93.7802

Sweetspot

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



137.7630, 46.4588, -14.7012



224.8650, 14.8566, -5.1436



198.0130, 13.3046, -67.5404



109.0950, 9.3202, -2.7143



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



137.7630, 46.4588, -14.7012



131.8130, 60.7312, -19.1300



148.0060, 41.4090, 18.4117



104.9550, 4.9522, -1.7145



26.8630, 75.0035, -23.5589



7.5750, 21.4085, -6.6433

Inverse Universe

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



154.9870, -13.3046, 67.5404



154.3810, -17.4428, 88.2429



204.9940, -41.4090, -18.4117



106.7020, -1.3321, 7.2773



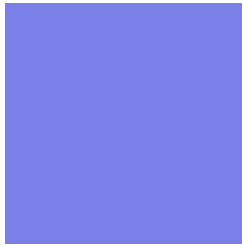
54.7750, -21.5811, 108.9453



15.5910, -6.2074, 31.0537

Previews

White Background



This preview shows how the YUV color 137.7630, 46.4588, -14.7012 looks on a white background.

Color Contrast Check

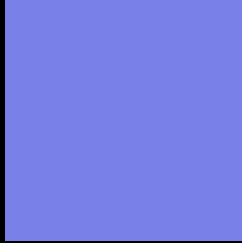
Large Text (above 18pt) WCAG AA ✓ Pass

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 137.7630, 46.4588, -14.7012 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 137.7630, 46.4588, -14.7012

Background



This preview shows how black text looks on a background with the YUV color 137.7630, 46.4588, -14.7012.



This preview shows how white text looks on a background with the YUV color 137.7630, 46.4588, -14.7012.

-14.7012.

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

137.7630, 46.4588, -14.7012

Protanopia

132.9990, 51.7655, -36.8331

Deuteranopia

129.6510, 49.4721, -47.9289



Tritanopia

132.6140, 12.0223, -29.4795

Trichromacy



Original Color

137.7630, 46.4588, -14.7012

Protanomaly

134.8860, 49.8492, -28.8410

Deuteranomaly

132.5000, 48.5605, -35.5185

Tritanomaly

134.5620, 24.3729, -24.1719

Monochromacy



Original Color

137.7630, 46.4588, -14.7012

Achromatopsia

138.0000, 0.0000, 0.0000

Achromatomaly

137.7340, 16.8931, -5.0287

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.7630, 46.4588, -14.7012 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(121, 128, 232)` looks like.

```
.text, #text, p{  
    color:rgb(121, 128, 232)  
}
```

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(121, 128, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 128, 232) }
```

Border

The CSS property to change the border of an element to YUV 137.7630, 46.4588, -14.7012 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(121, 128, 232) }
```


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

```
.border{ border-color:rgb(121, 128, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 128, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 128, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 128, 232);  
box-shadow:4px 4px 4px 4px rgb(121, 128,  
232) }
```

Background

The CSS property to change the background color of an element to YUV 137.7630, 46.4588, -14.7012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 128, 232) }
```

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

```
.background{ background-color: rgb(121,  
128, 232) }
```

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