

Converting Colors

YUV(114.3740, -30.7504,
16.3350)

Have a look what the booklet for
YUV(114.3740, -30.7504, 16.3350)
contains.

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Color

**YUV(114.3740, -30.7504,
16.3350)**

Conversions

Conversions Part 1

Format	Color
Hex	857534
RGB	133, 117, 52
RGB Percent	52%, 46%, 20%
CMY	0.4784, 0.5412, 0.7961
CMYK	0.00, 0.12, 0.61, 0.48
HSL	48°, 44%, 36%
HSV	48°, 61%, 52%
XYZ	16.6540, 17.9571, 5.8371
YIQ	114.3740, 30.4010, -16.8230

Conversions

Conversions Part 2

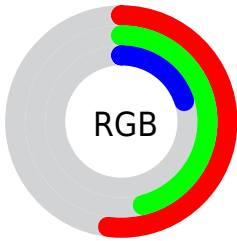
Format	Color
R _Y B	72, 133, 52
Decimal	8746292
CIE Lab	49.44, -2.30, 37.42
CIE LCh	49, 37.493, 93.513
Yxy	17.9571, 0.4117, 0.4440
Android (android.graphics.Color)	4286936372 (0xFF857534)
YUV	114.3740, -30.7504, 16.3350
Hunter-Lab	42.3758, -4.0058, 21.4961

Details

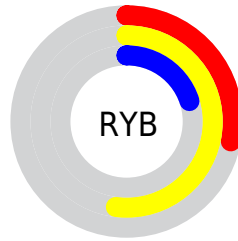
The YUV color **114.3740, -30.7504, 16.3350** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **70.6260, 30.7504, -16.3350**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.9290, -32.5030, 18.4793**, and **64.9500, -31.0343, 14.0759** is the 20% darker color. If you saturate the color by 10%, you get **111.1310, -35.5606, 19.1791**, and if you desaturate by 10%, it is **117.6170, -25.9402, 13.4909**.

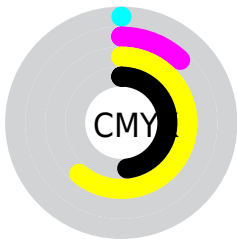
Distribution



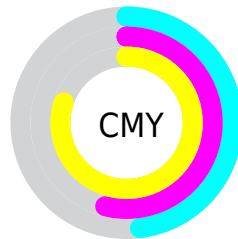
- Red (52%)
- Green (46%)
- Blue (20%)



- Red (28%)
- Yellow (52%)
- Blue (20%)



- Cyan (0%)
- Magenta (12%)
- Yellow (61%)
- Black (48%)



- Cyan (48%)
- Magenta (54%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 114.3740, -30.7504, 16.3350 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 114.3740, -30.7504, 16.3350 by changing the saturation by 10% instead.

■ 114.3740,
-30.7504, 16.3350

■ 114.3740,
-30.7504, 16.3350

■ 255.0000, 0.0000,
0.0000

■ 89.4770, -30.3082,
14.4907

■ 166.9290,
-32.5030, 18.4793

■ 64.9500, -31.0343,
14.0759

■ 194.4130,
-33.2346, 19.8088

■ 44.3330, -21.8562,
10.2320

■ 222.4840,
-34.2556, 20.6235

■ 25.4170, -12.5306,
5.7733

■ 244.6890,
-31.8917, 9.0427

■ 0.0000, 0.0000,
0.0000

■ 249.6420,
-20.5295, 4.6990

■ 252.9480, -7.8624,

1.7996

■ 114.3740,
-30.7504, 16.3350

■ 114.3740,
-30.7504, 16.3350

■ 111.1310,
-35.5606, 19.1791

■ 117.6170,
-25.9402, 13.4909

■ 108.3610,
-41.0970, 21.6084

■ 120.3870,
-20.4038, 11.0616

■ 105.1180,
-45.9072, 24.4525

■ 123.6300,
-15.5936, 8.2175

■ 102.5760,
-50.5700, 26.6818

■ 126.8730,
-10.7834, 5.3734

■ 129.6430, -5.2470,
2.9441

■ 132.8860, -0.4368,
0.1000

■ 135.5420, 4.6628,
-2.2293

■ 138.7850, 9.4730,
-5.0734

■ 142.1420, 14.7200,
-8.0175

Harmonies

Analogous

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



116.7170, -27.4685, 37.0822



114.3740, -30.7504, 16.3350



111.0440, -23.6857, -9.6856

Triad

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



114.3740, -30.7504, 16.3350



95.3990, 27.9043, -83.6649



120.8360, 12.4059, 34.3468

Complementary

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



114.3740, -30.7504, 16.3350



70.6260, 30.7504, -16.3350

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.



120.2650, 25.0124, 4.1526



114.3740, -30.7504, 16.3350



94.9720, 38.9608, -83.2904

Square

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



114.3740, -30.7504, 16.3350



92.3380, 13.6374, -80.9804



112.0040, 34.0150, -36.8375



119.1510, -2.0464, 49.8566

Rectangle

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



114.3740, -30.7504, 16.3350



107.3280, -14.4587, -29.2287



112.0040, 34.0150, -36.8375



121.3340, 17.0903, 25.1401

Sweetspot

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



114.3740, -30.7504, 16.3350



165.9440, -11.8044, 6.1881



78.0430, -4.9512, 48.1973



82.4860, -7.1416, 3.9588



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



114.3740, -30.7504, 16.3350



143.9610, -47.8018, 25.4672



116.5900, -31.8429, -6.6564



64.7290, -2.3314, 1.1147



99.9180, -49.2596, 26.3819



2.0710, -1.0210, 0.8147

Inverse Universe

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



70.6260, 30.7504, -16.3350



76.0390, 47.8018, -25.4672



68.4100, 31.8429, 6.6564



61.2710, 2.3314, -1.1147



30.0820, 49.2596, -26.3819



0.9290, 1.0210, -0.8147

Previews

White Background



This preview shows how the YUV color 114.3740, -30.7504, 16.3350 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 114.3740, -30.7504, 16.3350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

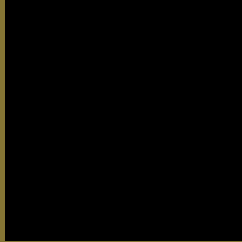
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 114.3740, -30.7504, 16.3350

Background



This preview shows how black text looks on a background with the YUV color 114.3740, -30.7504, 16.3350.



This preview shows how white text looks on a background with the YUV color 114.3740, -30.7504,

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

114.3740, -30.7504, 16.3350

Protanopia

114.3630, -30.7450, 14.5906

Deuteranopia

115.4400, -30.7829, 26.8011



Tritanopia

119.5830, -0.7804, 17.0287

Trichromacy



Original Color

114.3740, -30.7504, 16.3350

Protanomaly

114.6620, -30.8924, 15.2054

Deuteranomaly

115.1190, -30.6247, 22.6976

Tritanomaly

118.0100, -11.8369, 16.6542

Monochromacy



Original Color

114.3740, -30.7504, 16.3350

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

114.0580, -11.3676, 6.0881

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.3740, -30.7504, 16.3350 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(133, 117, 52)` looks like.

```
.text, #text, p{  
    color:rgb(133, 117, 52)  
}
```

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(133, 117, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 117, 52) }
```

Border

The CSS property to change the border of an element to YUV 114.3740, -30.7504, 16.3350 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(133, 117, 52) }
```


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

```
.border{ border-color:rgb(133, 117, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 117, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 117, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 117, 52);  
box-shadow:4px 4px 4px 4px rgb(133, 117,  
52) }
```

Background

The CSS property to change the background color of an element to YUV 114.3740, -30.7504, 16.3350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 117, 52) }
```

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

```
.background{ background-color: rgb(133,  
117, 52) }
```

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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