

Converting Colors

YUV(164.7340, 33.6551,
-14.6757)

Have a look what the booklet for
YUV(164.7340, 33.6551, -14.6757)
contains.

YUV(164.7340, 33.6551, -14.6757)	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(164.7340, 33.6551,
-14.6757)**

Conversions

Conversions Part 1

Format	Color
Hex	94A0E9
RGB	148, 160, 233
RGB Percent	58%, 63%, 91%
CMY	0.4196, 0.3725, 0.0863
CMYK	0.36, 0.31, 0.00, 0.09
HSL	232°, 66%, 75%
HSV	232°, 36%, 91%
XYZ	39.4915, 37.3207, 82.2130
YIQ	164.7340, -30.5850, 20.1590

Conversions

Conversions Part 2

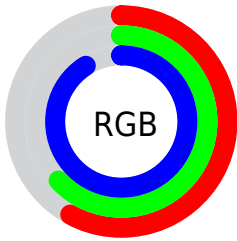
Format	Color
RYB	148, 159, 233
Decimal	9740521
CIELab	67.52, 13.11, -38.12
CIELCh	68, 40.317, 288.981
Yxy	37.3207, 0.2483, 0.2347
Android (android.graphics.Color)	4287930601 (0xFF94A0E9)
YUV	164.7340, 33.6551, -14.6757
Hunter-Lab	61.0907, 8.4811, -37.0262

Details

The YUV color **164.7340, 33.6551, -14.6757** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **216.2660, -33.6551, 14.6757**, and the grayscale version is **164.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **216.2710, 19.0934, -10.7617**, and **112.2670, 31.9134, -16.0202** is the 20% darker color. If you saturate the color by 10%, you get **146.1170, 42.8333, -18.5196**, and if you desaturate by 10%, it is **183.3510, 24.4770, -10.8318**.

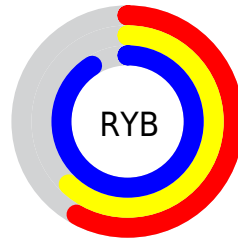
Distribution



Red (58%)

Green (63%)

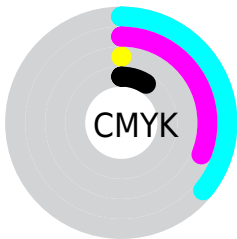
Blue (91%)



Red (58%)

Yellow (62%)

Blue (91%)

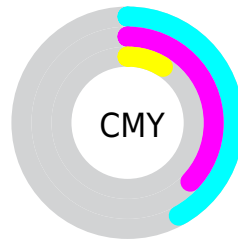


Cyan (36%)

Magenta (31%)

Yellow (0%)

Black (9%)



Cyan (42%)

Magenta (37%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 164.7340, 33.6551, -14.6757 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 164.7340, 33.6551, -14.6757 by changing the saturation by 10% instead.

■ 164.7340, 33.6551,
-14.6757

■ 164.7340, 33.6551,
-14.6757

255.0000, 0.0000,
0.0000

■ 138.2070, 32.9289,
-15.0905

■ 216.2710, 19.0934,
-10.7617

■ 112.2670, 31.9134,
-16.0202

■ 241.3780, 6.7156,
-7.3475

■ 87.0280, 31.0452,
-17.5646

■ 61.8920, 30.6192,
-20.9533

■ 34.7660, 31.6674,
-30.4898

■ 20.7630, 26.2458,
-18.2092

■ 6.9880, 21.6979,

-6.1285

■ 4.4800, 12.0884,
-3.9290

■ 0.0000, 0.0000,
0.0000

■ 164.7340, 33.6551,
-14.6757

■ 164.7340, 33.6551,
-14.6757

■ 146.1170, 42.8333,
-18.5196

■ 183.3510, 24.4770,
-10.8318

■ 127.2010, 52.1589,
-22.9783

■ 202.2670, 15.1514,
-6.3732

■ 108.5840, 61.3371,
-26.8222

■ 220.8840, 5.9732,
-2.5293

■ 89.9670, 70.5153,
-30.6661

■ 239.5010, -3.2050,
1.3146

■ 71.3500, 79.6934,
-34.5099

■ 252.4920, -9.6096,
2.1995

■ 52.4340, 89.0190,
-38.9686

■ 45.9330, 92.2240,
-40.2832

Harmonies

Analogous

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



152.2720, 40.7849, -61.6285



164.7340, 33.6551, -14.6757



169.3600, 21.0215, 24.2403

Triad

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



164.7340, 33.6551, -14.6757



164.7450, -26.4963, 51.9666



145.9350, 1.5110, -64.8410

Complementary

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



164.7340, 33.6551, -14.6757



216.2660, -33.6551, 14.6757

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.



154.3730, -19.4109, -27.5141



164.7340, 33.6551, -14.6757



162.8490, -34.4356, 31.7044

Square

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



164.7340, 33.6551, -14.6757



166.3990, -11.5357, 60.1631



159.2540, -32.1702, 5.0392



128.7390, 28.7227, -112.9041

Rectangle

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



164.7340, 33.6551, -14.6757



168.8480, 10.9209, 43.9833



159.2540, -32.1702, 5.0392



149.6610, -6.2419, -51.4457

Sweetspot

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



164.7340, 33.6551, -14.6757



232.5400, 11.0728, -4.8586



206.1030, 6.8512, -50.9563



114.1120, 6.8468, -2.7292



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.



164.7340, 33.6551, -14.6757



165.1600, 44.2911, -19.4343



166.6600, 32.7056, 9.9452



107.8410, 4.5154, -1.6146



35.8960, 71.5363, -31.4808



10.8520, 21.2720, -9.5172

Inverse Universe

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



174.7830, -7.2880, 51.0563



178.3120, -9.5208, 67.2554



214.3400, -32.7056, -9.9452



109.4030, -1.1847, 6.6626



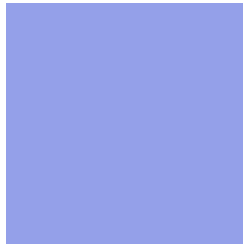
57.0830, -15.3239, 108.6752



17.0580, -4.4656, 32.3981

Previews

White Background



This preview shows how the YUV color 164.7340, 33.6551, -14.6757 looks on a white background.

Color Contrast Check

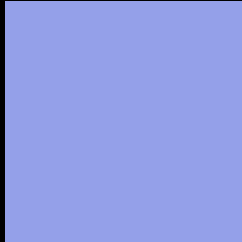
Large Text (above 18pt) WCAG AA × Fail

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 164.7340, 33.6551, -14.6757 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

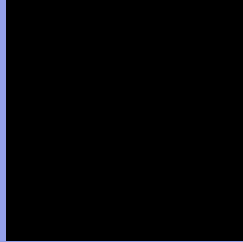
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 164.7340, 33.6551, -14.6757

Background



This preview shows how black text looks on a background with the YUV color 164.7340, 33.6551, -14.6757.



This preview shows how white text looks on a background with the YUV color 164.7340, 33.6551, -14.6757.

-14.6757.

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

164.7340, 33.6551, -14.6757

Protanopia

163.9290, 34.5450, -20.1087

Deuteranopia

163.1030, 33.9662, -21.1383



Tritanopia

161.3160, 10.6902, -22.2021

Trichromacy



Original Color

164.7340, 33.6551, -14.6757

Protanomaly

164.2390, 34.3922, -17.7496

Deuteranomaly

163.4130, 33.8134, -18.7792

Tritanomaly

162.2160, 19.1205, -19.4834

Monochromacy



Original Color

164.7340, 33.6551, -14.6757

Achromatopsia

165.0000, 0.0000, 0.0000

Achromatomaly

164.8820, 12.3832, -5.1585

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.7340, 33.6551, -14.6757 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(148, 160, 233)` looks like.

```
.text, #text, p{  
    color:rgb(148, 160, 233)  
}
```

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(148, 160, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 160, 233) }
```

Border

The CSS property to change the border of an element to YUV 164.7340, 33.6551, -14.6757 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(148, 160, 233) }
```


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

```
.border{ border-color:rgb(148, 160, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 160, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 160, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 160, 233);  
box-shadow:4px 4px 4px 4px rgb(148, 160,  
233) }
```

Background

The CSS property to change the background color of an element to YUV 164.7340, 33.6551, -14.6757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 160, 233) }
```

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

```
.background{ background-color: rgb(148,  
160, 233) }
```

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