

Converting Colors

YUV(148.5370, 52.4863,
-34.6739)

Have a look what the booklet for
YUV(148.5370, 52.4863, -34.6739)
contains.

YUV(148.5370, 52.4863, -34.6739)	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(148.5370, 52.4863,
-34.6739)**

Conversions

Conversions Part 1

Format	Color
Hex	6D94FF
RGB	109, 148, 255
RGB Percent	43%, 58%, 100%
CMY	0.5725, 0.4196, 0.0000
CMYK	0.57, 0.42, 0.00, 0.00
HSL	224°, 100%, 71%
HSV	224°, 57%, 100%
XYZ	34.9466, 31.6510, 98.8751
YIQ	148.5370, -57.5910, 25.0090

Conversions

Conversions Part 2

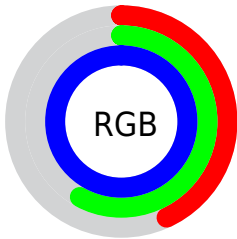
Format	Color
R _Y B	109, 140, 255
Decimal	7181567
CIE _{Lab}	63.05, 17.45, -57.38
CIE _{LCh}	63, 59.971, 286.919
Y _{xy}	31.6510, 0.2112, 0.1913
Android (android.graphics.Color)	4285371647 (0xFF6D94FF)
Y _{UV}	148.5370, 52.4863, -34.6739
Hunter-Lab	56.2592, 12.4253, -64.8202

Details

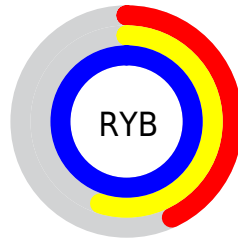
The YUV color **148.5370, 52.4863, -34.6739** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **215.4630, -52.4863, 34.6739**, and the grayscale version is **148.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **198.4740, 27.8673, -24.9717**, and **91.4600, 52.5242, -46.8844** is the 20% darker color. If you saturate the color by 10%, you get **129.9090, 61.6699, -40.2622**, and if you desaturate by 10%, it is **167.4640, 43.1552, -28.4709**.

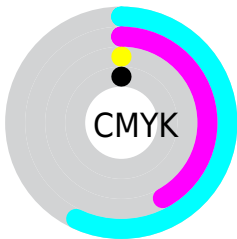
Distribution



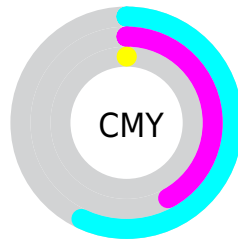
- Red (43%)
- Green (58%)
- Blue (100%)



- Red (43%)
- Yellow (55%)
- Blue (100%)



- Cyan (57%)
- Magenta (42%)
- Yellow (0%)
- Black (0%)



- Cyan (57%)
- Magenta (42%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 148.5370, 52.4863, -34.6739 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 148.5370, 52.4863, -34.6739 by changing the saturation by 10% instead.

■ 148.5370, 52.4863,
-34.6739

■ 148.5370, 52.4863,
-34.6739

255.0000, 0.0000,
0.0000

■ 120.4010, 52.0603,
-38.0627

■ 198.4740, 27.8673,
-24.9717

■ 91.4600, 52.5242,
-46.8844

■ 223.8800, 15.3422,
-20.9428

■ 63.4050, 52.5513,
-55.6062

■ 247.5250, 3.6852,
-15.3694

■ 47.4130, 47.1244,
-41.5812

■ 32.7090, 41.5555,
-28.6858

■ 16.8310, 36.5653,
-14.7608

■ 11.7470, 27.2397,

-10.3021

■ 6.7770, 18.3509,
-5.9434

■ 3.0950, 9.3202,
-2.7143

■ 148.5370, 52.4863,
-34.6739

■ 148.5370, 52.4863,
-34.6739

■ 129.9090, 61.6699,
-40.2622

■ 167.4640, 43.1552,
-28.4709

■ 111.5690, 70.7115,
-46.9800

■ 185.5050, 34.2610,
-22.3679

■ 92.9410, 79.8951,
-52.5683

■ 204.4320, 24.9300,
-16.1649

■ 74.0140, 89.2261,
-58.7713

■ 223.0600, 15.7464,
-10.5766

■ 68.9860, 91.7049,
-60.5007

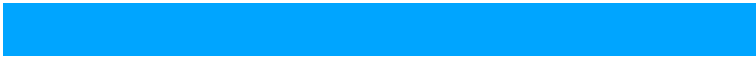
■ 241.4000, 6.7048,
-3.8588

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



125.9250, 63.6340, -110.4362



148.5370, 52.4863, -34.6739



157.1450, 33.9455, 32.3218

Triad

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



148.5370, 52.4863, -34.6739



149.3690, -36.1709, 75.0984



118.3770, 4.2511, -103.8166

Complementary

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



148.5370, 52.4863, -34.6739



215.4630, -52.4863, 34.6739

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.



135.5380, -29.8452, -40.8138



148.5370, 52.4863, -34.6739



147.8280, -52.6662, 45.7548

Square

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



148.5370, 52.4863, -34.6739



150.0480, -12.3487, 87.6579



143.2270, -51.3839, 7.6939



125.2340, 27.9856, -109.8302

Rectangle

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



148.5370, 52.4863, -34.6739



155.3740, 20.0286, 62.8160



143.2270, -51.3839, 7.6939



115.1510, -3.0324, -100.9874

Sweetspot

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



148.5370, 52.4863, -34.6739



223.3590, 15.5990, -9.9618



206.6720, 3.6127, -85.6583



109.0730, 9.3310, -6.2030



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.



148.5370, 52.4863, -34.6739



126.6530, 63.2751, -41.7917



135.2120, 59.0555, 5.0761



118.2430, 4.8102, -2.8441



51.7110, 68.6695, -45.3505



17.2750, 23.0354, -15.1502

Inverse Universe

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



157.1000, -4.4863, 85.8583



136.9820, -5.4141, 103.5018



228.7880, -59.0555, -5.0761



119.2290, -0.6059, 7.6922



62.9230, -5.8780, 112.3235



21.0740, -2.0085, 37.6461

Previews

White Background



This preview shows how the YUV color 148.5370, 52.4863, -34.6739 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 148.5370, 52.4863, -34.6739 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

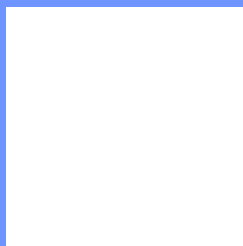
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 148.5370, 52.4863, -34.6739

Background



This preview shows how black text looks on a background with the YUV color 148.5370, 52.4863, -34.6739.



This preview shows how white text looks on a background with the YUV color 148.5370, 52.4863, -34.6739.

-34.6739.

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

148.5370, 52.4863, -34.6739

Protanopia

147.9390, 52.7811, -35.9035

Deuteranopia

143.5840, 54.4351, -53.1322



Tritanopia

140.4690, 18.5028, -54.7853

Trichromacy



Original Color

148.5370, 52.4863, -34.6739

Protanomaly

148.2380, 52.6337, -35.2887

Deuteranomaly

145.1010, 53.6872, -46.5696

Tritanomaly

143.4280, 30.8480, -47.7334

Monochromacy



Original Color

148.5370, 52.4863, -34.6739

Achromatopsia

149.0000, 0.0000, 0.0000

Achromatomaly

148.9610, 19.2462, -13.1208

CSS Examples

Text

The CSS property to change the color of the text to YUV 148.5370, 52.4863, -34.6739 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(109, 148, 255)` looks like.

```
.text, #text, p{  
    color:rgb(109, 148, 255)  
}
```

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(109, 148, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 148, 255) }
```

Border

The CSS property to change the border of an element to YUV 148.5370, 52.4863, -34.6739 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(109, 148, 255) }
```


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

```
.border{ border-color:rgb(109, 148, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 148, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 148, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 148, 255);  
box-shadow:4px 4px 4px 4px rgb(109, 148,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 148.5370, 52.4863, -34.6739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 148, 255) }
```

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

```
.background{ background-color: rgb(109,  
148, 255) }
```

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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