

Converting Colors

YUV(109.9200, 71.5244,
-74.4748)

Have a look what the booklet for
YUV(109.9200, 71.5244, -74.4748)
contains.

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Color

**YUV(109.9200, 71.5244,
-74.4748)**

Conversions

Conversions Part 1

Format	Color
Hex	197DFF
RGB	25, 125, 255
RGB Percent	10%, 49%, 100%
CMY	0.9020, 0.5098, 0.0000
CMYK	0.90, 0.51, 0.00, 0.00
HSL	214°, 100%, 55%
HSV	214°, 90%, 100%
XYZ	25.7845, 22.0939, 97.5133
YIQ	109.9200, -101.3300, 19.2300

Conversions

Conversions Part 2

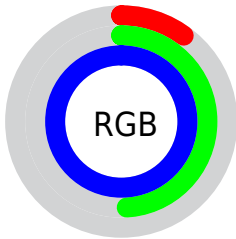
Format	Color
R _Y B	25, 95, 255
Decimal	1670655
CIE Lab	54.13, 21.41, -71.87
CIE LCh	54, 74.993, 286.585
Yxy	22.0939, 0.1773, 0.1520
Android (android.graphics.Color)	4279860735 (0xFF197DFF)
YUV	109.9200, 71.5244, -74.4748
Hunter-Lab	47.0042, 15.6604, -90.0982

Details

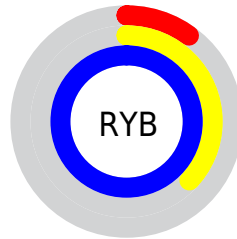
The YUV color **109.9200, 71.5244, -74.4748** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **170.0800, -71.5244, 74.4748**, and the grayscale version is **109.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.9520, 42.9147, -44.6849**, and **67.6570, 63.7661, -59.3352** is the 20% darker color. If you saturate the color by 10%, you get **94.2270, 79.2611, -82.6371**, and if you desaturate by 10%, it is **125.6130, 63.7878, -66.3126**.

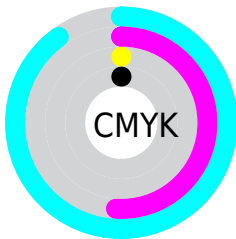
Distribution



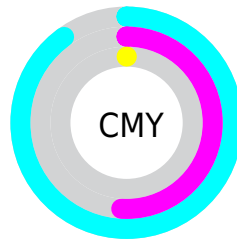
- Red (10%)
- Green (49%)
- Blue (100%)



- Red (10%)
- Yellow (37%)
- Blue (100%)



- Cyan (90%)
- Magenta (51%)
- Yellow (0%)
- Black (0%)



- Cyan (90%)
- Magenta (51%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 109.9200, 71.5244, -74.4748 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 109.9200, 71.5244, -74.4748 by changing the saturation by 10% instead.

■ 109.9200, 71.5244,
-74.4748

■ 109.9200, 71.5244,
-74.4748

255.0000, 0.0000,
0.0000

■ 85.0510, 69.4879,
-74.5897

■ 167.9520, 42.9147,
-44.6849

■ 67.6570, 63.7661,
-59.3352

■ 193.9670, 30.0893,
-37.6821

■ 52.1380, 57.6130,
-45.7250

■ 219.9710, 17.2693,
-32.4236

■ 37.9070, 51.3178,
-33.2444

■ 243.0400, 5.8963,
-24.5911

■ 23.7900, 45.4595,
-20.8638

■ 252.6080, 1.1793,
-4.9182

■ 17.8910, 35.5497,
-15.6904

■ 11.6330, 26.8029,

-10.2021

■ 6.6630, 17.9141,
-5.8435

■ 2.9810, 8.8834,
-2.6143

■ 109.9200, 71.5244,
-74.4748

■ 109.9200, 71.5244,
-74.4748

■ 94.2270, 79.2611,
-82.6371

■ 125.6130, 63.7878,
-66.3126

■ 142.1920, 55.6143,
-58.0504

■ 157.8850, 47.8777,
-49.8881

■ 174.4640, 39.7042,
-41.6259

■ 190.1570, 31.9676,
-33.4637

■ 206.1490, 24.0835,
-24.6867

■ 222.4290, 16.0575,
-17.0392

■ 238.4210, 8.1734,
-8.2622

254.7010, 0.1474,
-0.6148

Harmonies

Analogous

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



114.1850, 69.4218, -100.1402



109.9200, 71.5244, -74.4748



131.8820, 42.9492, 37.8145

Triad

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



109.9200, 71.5244, -74.4748



120.1490, -42.4715, 89.3233



102.6300, -2.7756, -90.0065

Complementary

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



109.9200, 71.5244, -74.4748



170.0800, -71.5244, 74.4748

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.



99.7560, -37.3477, -61.1760



109.9200, 71.5244, -74.4748



121.9120, -60.1026, 50.9432

Square

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



109.9200, 71.5244, -74.4748



113.9400, -8.3514, 112.3086



117.1960, -57.7776, 5.0901



111.5560, 26.3479, -97.8346

Rectangle

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



109.9200, 71.5244, -74.4748



125.2480, 27.9787, 79.5895



117.1960, -57.7776, 5.0901



98.8340, -12.2432, -86.6774

Sweetspot

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



109.9200, 71.5244, -74.4748



211.4760, 21.4573, -22.3425



174.3740, -11.5234, -131.0010



101.6530, 12.9891, -12.8507



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.



109.9200, 71.5244, -74.4748



94.2270, 79.2611, -82.6371



54.8080, 98.6947, -15.6176



119.4170, 4.2314, -3.8737



70.4950, 59.4090, -61.8241



23.7320, 19.8521, -20.8130

Inverse Universe

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



105.1700, 9.7762, 131.4009



88.8990, 10.8958, 145.6706



225.4910, -98.8421, 16.2324



119.4570, 0.2677, 7.4922



66.5710, 8.0995, 109.1242



22.3280, 2.7963, 36.5463

Previews

White Background



This preview shows how the YUV color 109.9200, 71.5244, -74.4748 looks on a white background.

Color Contrast Check

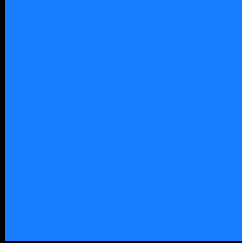
Large Text (above 18pt) WCAG AA ✓ Pass

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 109.9200, 71.5244, -74.4748 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

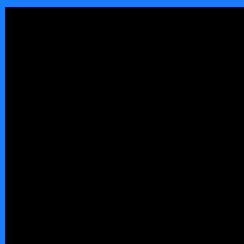
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

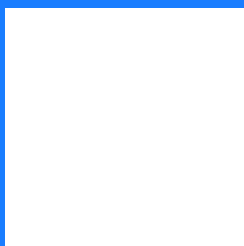
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 109.9200, 71.5244, -74.4748

Background



This preview shows how black text looks on a background with the YUV color 109.9200, 71.5244, -74.4748.



This preview shows how white text looks on a background with the YUV color 109.9200, 71.5244, -74.4748.

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

109.9200, 71.5244, -74.4748

Protanopia

115.1990, 68.4289, -61.5645

Deuteranopia

102.8890, 61.6797, -90.2337



Tritanopia

101.2690, 25.0104, -88.8129

Trichromacy



Original Color

109.9200, 71.5244, -74.4748

Protanomaly

113.1060, 69.4607, -65.8680

Deuteranomaly

105.5460, 65.2998, -84.6708

Tritanomaly

104.0690, 41.8710, -83.3755

Monochromacy



Original Color

109.9200, 71.5244, -74.4748

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

109.7080, 26.2730, -26.9309

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.9200, 71.5244, -74.4748 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(25, 125, 255)` looks like.

```
.text, #text, p{  
  color:rgb(25, 125, 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(25, 125, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 125, 255) }
```

Border

The CSS property to change the border of an element to YUV 109.9200, 71.5244, -74.4748 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(25, 125, 255) }
```


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

```
.border{ border-color:rgb(25, 125, 255) }
```

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

Here you see how a box with a 4 pixel rgb(25, 125, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 125, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 125, 255);  
box-shadow:4px 4px 4px 4px rgb(25, 125,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 109.9200, 71.5244, -74.4748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 125, 255) }
```

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

```
.background{ background-color: rgb(25, 125,  
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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