

Converting Colors

YUV(109.7340, 46.9661,
-37.4777)

Have a look what the booklet for
YUV(109.7340, 46.9661, -37.4777)
contains.

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Color

**YUV(109.7340, 46.9661,
-37.4777)**

Conversions

Conversions Part 1

Format	Color
Hex	4371CD
RGB	67, 113, 205
RGB Percent	26%, 44%, 80%
CMY	0.7373, 0.5569, 0.1961
CMYK	0.67, 0.45, 0.00, 0.20
HSL	220°, 58%, 53%
HSV	220°, 67%, 80%
XYZ	19.2393, 17.4113, 60.1043
YIQ	109.7340, -56.9480, 18.8600

Conversions

Conversions Part 2

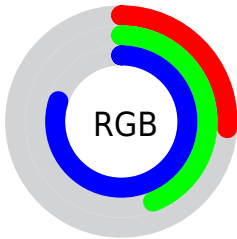
Format	Color
R _Y B	67, 102, 205
Decimal	4420045
CIE Lab	48.77, 14.38, -52.38
CIE LCh	49, 54.321, 285.347
Yxy	17.4113, 0.1988, 0.1800
Android (android.graphics.Color)	4282610125 (0xFF4371CD)
YUV	109.7340, 46.9661, -37.4777
Hunter-Lab	41.7269, 9.2802, -56.1938

Details

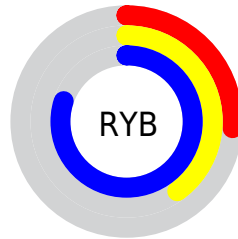
The YUV color **109.7340, 46.9661, -37.4777** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted azure. A complement of this color would be **162.2660, -46.9661, 37.4777**, and the grayscale version is **109.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.9090, 44.9079, -30.6152**, and **55.8420, 46.4199, -48.9734** is the 20% darker color. If you saturate the color by 10%, you get **95.2370, 54.1132, -43.1808**, and if you desaturate by 10%, it is **123.9320, 39.9665, -32.3894**.

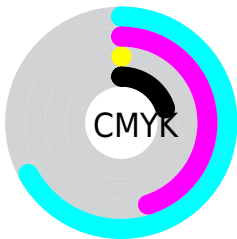
Distribution



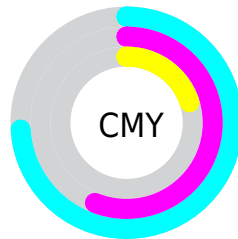
- Red (26%)
- Green (44%)
- Blue (80%)



- Red (26%)
- Yellow (40%)
- Blue (80%)



- Cyan (67%)
- Magenta (45%)
- Yellow (0%)
- Black (20%)



- Cyan (74%)
- Magenta (56%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 109.7340, 46.9661, -37.4777 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 109.7340, 46.9661, -37.4777 by changing the saturation by 10% instead.

■ 109.7340, 46.9661,
-37.4777

■ 109.7340, 46.9661,
-37.4777

255.0000, 0.0000,
0.0000

■ 80.1950, 47.7249,
-47.5290

■ 163.9090, 44.9079,
-30.6152

■ 55.8420, 46.4199,
-48.9734

■ 188.4290, 32.8195,
-26.6862

■ 40.5510, 41.1404,
-35.5632

■ 213.8350, 20.2943,
-22.6573

■ 26.4340, 35.2820,
-23.1826

■ 239.2410, 7.7692,
-18.6284

■ 9.6100, 31.7443,
-8.4280

■ 252.9070, 1.0318,
-4.3034

■ 8.0480, 20.6823,
-7.0581

■ 4.3660, 11.6516,

-3.8290

■ 0.0000, 0.0000,
0.0000

■ 109.7340, 46.9661,
-37.4777

■ 109.7340, 46.9661,
-37.4777

■ 95.2370, 54.1132,
-43.1808

■ 123.9320, 39.9665,
-32.3894

■ 81.6260, 60.8234,
-48.7840

■ 137.8420, 33.1089,
-26.1714

■ 67.1290, 67.9704,
-54.4871

■ 152.3390, 25.9619,
-20.4683

■ 63.2860, 69.8650,
-55.5018

■ 166.5370, 18.9623,
-15.3799

■ 180.1480, 12.2520,
-9.7768

■ 194.6450, 5.1050,
-4.0737

■ 208.8430, -1.8946,
1.0147

■ 222.7530, -8.7522,
7.2326

■ 237.2500,
-15.8993, 12.9358

Harmonies

Analogous

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



97.9190, 52.7909, -85.8750



109.7340, 46.9661, -37.4777



119.4770, 30.3308, 25.0147

Triad

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



109.7340, 46.9661, -37.4777



112.0240, -29.5918, 64.8770



90.2060, 0.3914, -79.1107

Complementary

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



109.7340, 46.9661, -37.4777



162.2660, -46.9661, 37.4777

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.



100.6790, -26.9567, -33.9215



109.7340, 46.9661, -37.4777



110.2880, -46.9770, 40.9664

Square

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



109.7340, 46.9661, -37.4777



111.8940, -8.8217, 76.3920



106.6230, -48.6211, 8.2236



96.2650, 21.0684, -84.4244

Rectangle

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



109.7340, 46.9661, -37.4777



116.9660, 18.7508, 52.6498



106.6230, -48.6211, 8.2236



87.7950, -6.3079, -76.9962

Sweetspot

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



109.7340, 46.9661, -37.4777



219.7930, 17.3571, -13.8505



158.4940, 0.2495, -80.2402



106.4040, 10.6468, -8.2473



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.



109.7340, 46.9661, -37.4777



112.1010, 70.4492, -56.2166



89.6090, 56.8878, 0.3429



94.9010, 3.4998, -2.5442



51.2090, 56.5920, -44.9103



11.9630, 12.8362, -10.4916

Inverse Universe

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



113.5060, -0.2495, 80.2402



117.7590, -0.3742, 120.3604



182.3910, -56.8878, -0.3429



95.3320, -0.1637, 5.8478



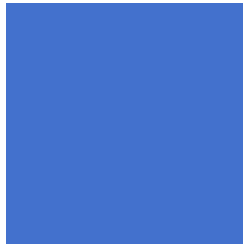
55.9040, -0.4457, 96.5542



12.8440, 0.0769, 22.0618

Previews

White Background



This preview shows how the YUV color 109.7340, 46.9661, -37.4777 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 109.7340, 46.9661, -37.4777 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

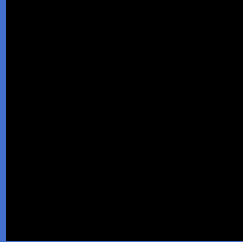
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 109.7340, 46.9661, -37.4777

Background



This preview shows how black text looks on a background with the YUV color 109.7340, 46.9661, -37.4777.



This preview shows how white text looks on a background with the YUV color 109.7340, 46.9661, -37.4777.

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

109.7340, 46.9661, -37.4777

Protanopia

110.5280, 46.0817, -33.7891

Deuteranopia

102.4000, 50.0888, -59.1098



Tritanopia

93.5590, 21.9094, -74.1582

Trichromacy



Original Color

109.7340, 46.9661, -37.4777

Protanomaly

109.9300, 46.3765, -35.0186

Deuteranomaly

105.4010, 48.6093, -51.2177

Tritanomaly

99.6390, 30.7440, -61.0734

Monochromacy



Original Color

109.7340, 46.9661, -37.4777

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

109.7930, 17.3571, -13.8505

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.7340, 46.9661, -37.4777 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(67, 113, 205)` looks like.

```
.text, #text, p{  
    color:rgb(67, 113, 205)  
}
```

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(67, 113, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 113, 205) }
```

Border

The CSS property to change the border of an element to YUV 109.7340, 46.9661, -37.4777 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(67, 113, 205) }
```


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

```
.border{ border-color:rgb(67, 113, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 113, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 113, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 113, 205);  
box-shadow:4px 4px 4px 4px rgb(67, 113,  
205) }
```

Background

The CSS property to change the background color of an element to YUV 109.7340, 46.9661, -37.4777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 113, 205) }
```

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

```
.background{ background-color: rgb(67, 113,  
205) }
```

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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