

Converting Colors

YUV(133.7730, 41.0309,
-47.1589)

Have a look what the booklet for
YUV(133.7730, 41.0309, -47.1589)
contains.

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Color

**YUV(133.7730, 41.0309,
-47.1589)**

Conversions

Conversions Part 1

Format	Color
Hex	5091D9
RGB	80, 145, 217
RGB Percent	31%, 57%, 85%
CMY	0.6863, 0.4314, 0.1490
CMYK	0.63, 0.33, 0.00, 0.15
HSL	212°, 64%, 58%
HSV	212°, 63%, 85%
XYZ	25.9580, 26.9660, 69.4825
YIQ	133.7730, -61.8520, 8.6120

Conversions

Conversions Part 2

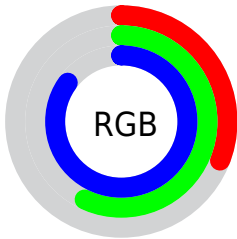
Format	Color
R _Y B	80, 124, 217
Decimal	5280217
CIE Lab	58.94, 1.37, -42.98
CIE LCh	59, 42.998, 271.827
Yxy	26.9660, 0.2121, 0.2203
Android (android.graphics.Color)	4283470297 (0xFF5091D9)
YUV	133.7730, 41.0309, -47.1589
Hunter-Lab	51.9288, -1.6473, -42.9818

Details

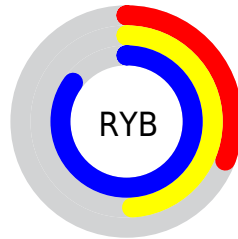
The YUV color **133.7730, 41.0309, -47.1589** is a light color, and the websafe version is hex **6699CC**. The color can be described as light muted azure. A complement of this color would be **163.2270, -41.0309, 47.1589**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.7430, 33.1577, -41.8706**, and **74.2330, 43.2691, -65.1023** is the 20% darker color. If you saturate the color by 10%, you get **120.7380, 47.4572, -55.0212**, and if you desaturate by 10%, it is **146.8080, 34.6047, -39.2966**.

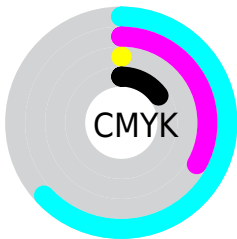
Distribution



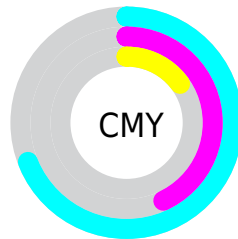
- Red (31%)
- Green (57%)
- Blue (85%)



- Red (31%)
- Yellow (49%)
- Blue (85%)



- Cyan (63%)
- Magenta (33%)
- Yellow (0%)
- Black (15%)



- Cyan (69%)
- Magenta (43%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 133.7730, 41.0309, -47.1589 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 133.7730, 41.0309, -47.1589 by changing the saturation by 10% instead.

■ 133.7730, 41.0309,
-47.1589

■ 133.7730, 41.0309,
-47.1589

255.0000, 0.0000,
0.0000

■ 105.4410, 41.1946,
-53.0068

■ 187.7430, 33.1577,
-41.8706

■ 74.2330, 43.2691,
-65.1023

■ 212.5620, 20.9219,
-37.3269

■ 57.6540, 38.1316,
-50.5626

■ 238.2560, 8.2548,
-34.4275

■ 41.7760, 33.1414,
-36.6376

■ 247.2260, 3.8326,
-15.9842

■ 27.3000, 28.4461,
-23.9421

■ 10.4760, 24.9083,
-9.1875

■ 6.0930, 15.7302,

-5.3436

■ 2.2970, 6.2626,
-2.0145

■ 0.0000, 0.0000,
0.0000

■ 133.7730, 41.0309,
-47.1589

■ 133.7730, 41.0309,
-47.1589

■ 120.7380, 47.4572,
-55.0212

■ 146.8080, 34.6047,
-39.2966

■ 107.4150, 54.0254,
-61.7540

■ 160.1310, 28.0364,
-32.5639

■ 94.3800, 60.4517,
-69.6163

■ 173.1660, 21.6102,
-24.7016

■ 85.1990, 64.9779,
-74.7195

■ 186.7880, 14.8945,
-17.3541

■ 199.5240, 8.6157,
-10.1065

■ 212.5590, 2.1894,
-2.2442

■ 226.1810, -4.5262,
5.1033

■ 239.2160,
-10.9525, 12.9656

■ 246.5590,
-14.5726, 7.4028

Harmonies

Analogous

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



114.6970, 45.9984, -100.5893



133.7730, 41.0309, -47.1589



144.6330, 30.2539, 2.9529

Triad

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



133.7730, 41.0309, -47.1589



142.4500, -18.9558, 60.1184



126.8420, -10.7681, -46.3424

Complementary

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



133.7730, 41.0309, -47.1589



163.2270, -41.0309, 47.1589

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.



133.9640, -29.0693, -9.6154



133.7730, 41.0309, -47.1589



140.9200, -32.0056, 45.6742

Square

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



133.7730, 41.0309, -47.1589



143.7330, -1.3474, 58.9932



137.9140, -36.4396, 21.1234



110.8090, 15.8702, -97.1795

Rectangle

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



133.7730, 41.0309, -47.1589



146.0940, 21.1527, 28.8586



137.9140, -36.4396, 21.1234



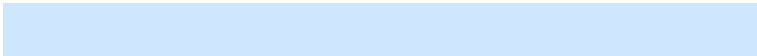
130.0950, -17.7948, -32.5323

Sweetspot

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



133.7730, 41.0309, -47.1589



225.9730, 14.3103, -16.6393



168.5130, -8.6339, -77.6259



109.6380, 9.0525, -10.2065



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.



133.7730, 41.0309, -47.1589



137.1200, 58.1148, -66.7572



96.2160, 59.5465, -12.4674



103.1890, 3.3578, -3.6738



67.8560, 51.8360, -59.5097



18.1580, 13.7261, -15.9246

Inverse Universe

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



128.3730, 8.1971, 77.7259



129.4940, 11.5885, 110.0688



200.7840, -59.5465, 12.4674



102.8590, 0.5625, 6.2627



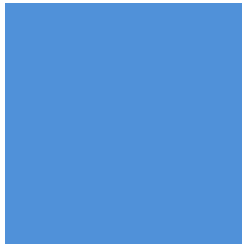
61.0750, 10.3160, 98.1582



16.2620, 2.8288, 26.0802

Previews

White Background



This preview shows how the YUV color 133.7730, 41.0309, -47.1589 looks on a white background.

Color Contrast Check

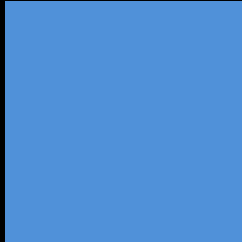
Large Text (above 18pt) WCAG AA ✓ Pass

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 133.7730, 41.0309, -47.1589 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

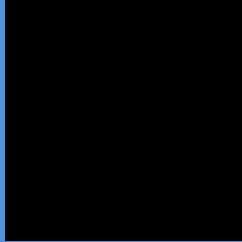
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 133.7730, 41.0309, -47.1589

Background



This preview shows how black text looks on a background with the YUV color 133.7730, 41.0309, -47.1589.



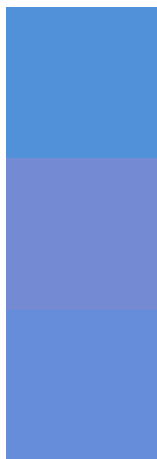
This preview shows how white text looks on a background with the YUV color 133.7730, 41.0309, -47.1589.

-47.1589.

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

133.7730, 41.0309, -47.1589

Protanopia

140.4450, 35.2766, -21.4383

Deuteranopia

138.1170, 39.3823, -31.6746



Tritanopia

126.1690, 20.1297, -63.2922

Trichromacy



Original Color

133.7730, 41.0309, -47.1589

Protanomaly

137.9600, 37.4877, -30.6599

Deuteranomaly

136.3120, 40.2722, -37.1076

Tritanomaly

128.5640, 27.8229, -57.4996

Monochromacy



Original Color

133.7730, 41.0309, -47.1589

Achromatopsia

134.0000, 0.0000, 0.0000

Achromatomaly

133.7880, 14.8945, -17.3541

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.7730, 41.0309, -47.1589 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(80, 145, 217)` looks like.

```
.text, #text, p{  
    color:rgb(80, 145, 217)  
}
```

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(80, 145, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 145, 217) }
```

Border

The CSS property to change the border of an element to YUV 133.7730, 41.0309, -47.1589 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(80, 145, 217) }
```


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

```
.border{ border-color:rgb(80, 145, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 145, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 145, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 145, 217);  
box-shadow:4px 4px 4px 4px rgb(80, 145,  
217) }
```

Background

The CSS property to change the background color of an element to YUV 133.7730, 41.0309, -47.1589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 145, 217) }
```

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

```
.background{ background-color: rgb(80, 145,  
217) }
```

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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