

# Converting Colors

YUV(121.2730, 59.5184,  
-50.2284)

Have a look what the booklet for  
YUV(121.2730, 59.5184, -50.2284)  
contains.

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# Color

**YUV(121.2730, 59.5184,  
-50.2284)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	407FF2
RGB	64, 127, 242
RGB Percent	25%, 50%, 95%
CMY	0.7490, 0.5020, 0.0510
CMYK	0.74, 0.48, 0.00, 0.05
HSL	219°, 87%, 60%
HSV	219°, 74%, 95%
XYZ	25.7307, 22.6795, 87.0258
YIQ	121.2730, -74.4630, 22.4090

# Conversions

## Conversions Part 2

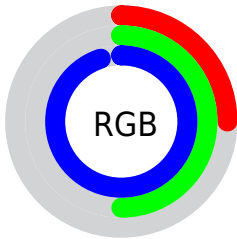
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	64, 111, 242
Decimal	4227058
CIE Lab	54.74, 18.53, -63.64
CIE LCh	55, 66.283, 286.237
Yxy	22.6795, 0.1900, 0.1675
Android (android.graphics.Color)	4282417138 (0xFF407FF2)
YUV	121.2730, 59.5184, -50.2284
Hunter-Lab	47.6230, 13.1033, -75.0098

# Details

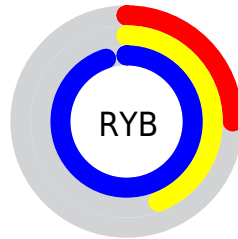
The YUV color **121.2730, 59.5184, -50.2284** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle washed azure. A complement of this color would be **184.7270, -59.5184, 50.2284**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.9100, 39.9774, -35.8781**, and **67.4630, 57.9457, -59.1651** is the 20% darker color. If you saturate the color by 10%, you get **104.7050, 67.6864, -56.7463**, and if you desaturate by 10%, it is **137.8410, 51.3504, -43.7106**.

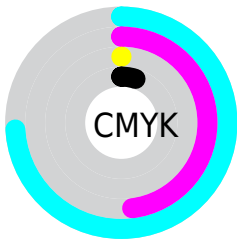
# Distribution



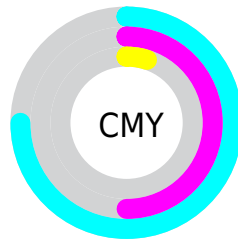
- Red (25%)
- Green (50%)
- Blue (95%)



- Red (25%)
- Yellow (44%)
- Blue (95%)



- Cyan (74%)
- Magenta (48%)
- Yellow (0%)
- Black (5%)



- Cyan (75%)
- Magenta (50%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 121.2730, 59.5184, -50.2284 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 121.2730, 59.5184, -50.2284 by changing the saturation by 10% instead.



■ 121.2730, 59.5184,  
-50.2284

■ 121.2730, 59.5184,  
-50.2284

255.0000, 0.0000,  
0.0000

■ 84.1560, 63.5201,  
-73.8048

■ 173.9100, 39.9774,  
-35.8781

■ 67.4630, 57.9457,  
-59.1651

■ 199.0280, 27.5942,  
-30.7196

■ 51.3570, 52.0820,  
-45.0401

■ 225.3200, 14.6322,  
-26.5906

■ 36.6530, 46.5131,  
-32.1447

■ 246.3290, 4.2748,  
-17.8285

■ 22.5360, 40.6548,  
-19.7641

■ 14.9900, 32.0499,  
-13.1462

■ 9.3190, 23.0137,

-8.1728

■ 4.9360, 13.8356,  
-4.3289

■ 0.7980, 3.0576,  
-0.6998

■ 121.2730, 59.5184,  
-50.2284

■ 121.2730, 59.5184,  
-50.2284

■ 104.7050, 67.6864,  
-56.7463

■ 137.8410, 51.3504,  
-43.7106

■ 88.7240, 75.5651,  
-63.7789

■ 153.8220, 43.4718,  
-36.6779

■ 78.0700, 80.8175,  
-68.4674

■ 170.6890, 35.1563,  
-29.5453

■ 187.2570, 26.9883,  
-23.0274

■ 203.2380, 19.1097,  
-15.9947

■ 219.8060, 10.9416,  
-9.4769

■ 235.7870, 3.0630,  
-2.4442

■ 251.7570, -4.8102,  
2.8441

■ 253.5180, -5.6784,  
1.2997

# Harmonies

## Analogous

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



112.8170, 64.1802, -98.9405



121.2730, 59.5184, -50.2284



134.1820, 37.8713, 33.1664

# Triad

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



121.2730, 59.5184, -50.2284



124.7610, -37.3502, 80.0166



102.6130, -0.3022, -89.9916

# Complementary

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



121.2730, 59.5184, -50.2284



184.7270, -59.5184, 50.2284

# 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.



109.6960, -32.8811, -47.0914



121.2730, 59.5184, -50.2284



123.3740, -60.8234, 48.7840

# Square

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



121.2730, 59.5184, -50.2284



122.6730, -10.1918, 95.8798



119.2780, -58.8041, 7.6492



110.5130, 24.8901, -96.9199



# Rectangle

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



121.2730, 59.5184, -50.2284



130.6180, 23.3593, 67.8640



119.2780, -58.8041, 7.6492



99.7460, -8.7488, -87.4772

# Sweetspot

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



121.2730, 59.5184, -50.2284



217.1240, 18.6729, -15.8947



181.3680, -2.1534, -102.9317



104.9200, 11.3784, -9.5768



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.



121.2730, 59.5184, -50.2284



102.9090, 74.9809, -63.0642



91.4680, 74.2123, -3.0414



111.7160, 4.0840, -3.2589



59.1310, 61.5604, -51.8579



18.1240, 18.6729, -15.8947



# Inverse Universe

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



124.4040, 1.2798, 103.1317



106.9820, 1.4879, 129.8118



214.5320, -74.2123, 3.0414



112.0440, -0.0217, 6.9774



62.4260, 1.2690, 106.6204



19.0240, 0.4812, 32.4280



# Previews

## White Background



This preview shows how the YUV color 121.2730, 59.5184, -50.2284 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

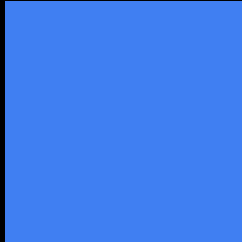
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 121.2730, 59.5184, -50.2284 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

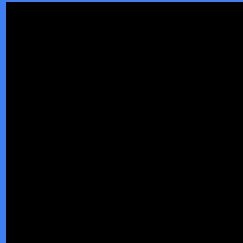
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

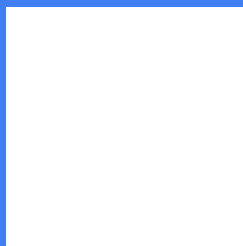
Any Text WCAG AAA × Fail

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

# YUV 121.2730, 59.5184, -50.2284 Background



This preview shows how black text looks on a background with the YUV color 121.2730, 59.5184, -50.2284.



This preview shows how white text looks on a background with the YUV color 121.2730, 59.5184, -50.2284.

-50.2284.

# 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

121.2730, 59.5184, -50.2284

### Protanopia

122.3660, 58.4866, -45.9250

### Deuteranopia

104.7470, 63.7217, -91.8631



## Tritanopia

102.7850, 25.7420, -90.1424

# Trichromacy



## Original Color

121.2730, 59.5184, -50.2284

## Protanomaly

121.7680, 58.7814, -47.1545

## Deuteranomaly

110.7920, 62.2205, -76.9936

## Tritanomaly

109.2010, 38.3549, -75.5983

# Monochromacy



## Original Color

121.2730, 59.5184, -50.2284

## Achromatopsia

121.0000, 0.0000, 0.0000

## Achromatomaly

120.9110, 21.7359, -18.3389

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 121.2730, 59.5184, -50.2284 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(64, 127, 242)` looks like.

```
.text, #text, p{  
    color:rgb(64, 127, 242)  
}
```

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(64, 127, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 127, 242) }
```

## Border

The CSS property to change the border of an element to YUV 121.2730, 59.5184, -50.2284 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(64, 127, 242) }
```



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

```
.border{ border-color:rgb(64, 127, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 127, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 127, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 127, 242);  
box-shadow:4px 4px 4px 4px rgb(64, 127,  
242) }
```

# Background

The CSS property to change the background color of an element to YUV 121.2730, 59.5184, -50.2284 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 127, 242) }
```

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

```
.background{ background-color: rgb(64, 127,  
242) }
```

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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