

Converting Colors

YUV(171.4920, 37.2254,
-39.8965)

Have a look what the booklet for
YUV(171.4920, 37.2254, -39.8965)
contains.

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Color

**YUV(171.4920, 37.2254,
-39.8965)**

Conversions

Conversions Part 1

Format	Color
Hex	7EB4F7
RGB	126, 180, 247
RGB Percent	49%, 71%, 97%
CMY	0.5059, 0.2941, 0.0314
CMYK	0.49, 0.27, 0.00, 0.03
HSL	213°, 88%, 73%
HSV	213°, 49%, 97%
XYZ	41.7139, 43.7935, 94.2501
YIQ	171.4920, -53.6910, 9.3890

Conversions

Conversions Part 2

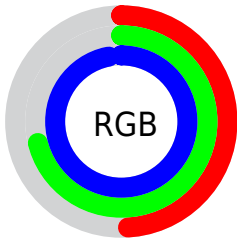
Format	Color
R_{YB}	126, 163, 247
Decimal	8303863
CIE _{Lab}	72.09, 0.27, -38.73
CIE _{LCh}	72, 38.727, 270.402
Yxy	43.7935, 0.2321, 0.2436
Android (android.graphics.Color)	4286493943 (0xFF7EB4F7)
YUV	171.4920, 37.2254, -39.8965
Hunter-Lab	66.1767, -3.2932, -38.1183

Details

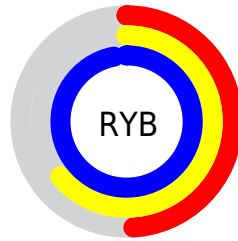
The YUV color **171.4920, 37.2254, -39.8965** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **201.5080, -37.2254, 39.8965**, and the grayscale version is **171.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **222.6180, 15.9643, -33.8680**, and **116.8290, 36.0733, -43.7000** is the 20% darker color. If you saturate the color by 10%, you get **155.7990, 44.9621, -48.0587**, and if you desaturate by 10%, it is **187.1850, 29.4888, -31.7342**.

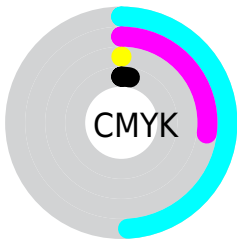
Distribution



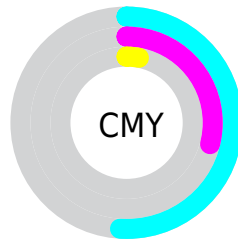
- Red (49%)
- Green (71%)
- Blue (97%)



- Red (49%)
- Yellow (64%)
- Blue (97%)



- Cyan (49%)
- Magenta (27%)
- Yellow (0%)
- Black (3%)



- Cyan (51%)
- Magenta (29%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YUV color 171.4920, 37.2254, -39.8965 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 171.4920, 37.2254, -39.8965 by changing the saturation by 10% instead.

■ 171.4920, 37.2254,
-39.8965

■ 171.4920, 37.2254,
-39.8965

255.0000, 0.0000,
0.0000

■ 143.6660, 36.6467,
-40.9261

■ 222.6180, 15.9643,
-33.8680

■ 116.8290, 36.0733,
-43.7000

■ 242.4420, 6.1911,
-25.8206

■ 88.0130, 36.9686,
-50.8774

■ 251.4120, 1.7689,
-7.3773

■ 61.9910, 36.9794,
-54.3661

■ 45.5260, 32.2787,
-39.9263

■ 30.3490, 27.4359,
-26.6161

■ 14.6990, 23.3194,

-12.8910

■ 6.3210, 16.6037,
-5.5435

■ 2.5250, 7.1362,
-2.2144

■ 171.4920, 37.2254,
-39.8965

■ 171.4920, 37.2254,
-39.8965

■ 155.7990, 44.9621,
-48.0587

■ 187.1850, 29.4888,
-31.7342

■ 140.9920, 52.2619,
-56.1210

■ 201.9920, 22.1889,
-23.6720

■ 125.2990, 59.9986,
-64.2832

■ 217.6850, 14.4523,
-15.5097

■ 109.6060, 67.7352,
-72.4455

■ 233.3780, 6.7156,
-7.3475

■ 94.5000, 75.1825,
-81.1225

■ 248.4840, -0.7316,
1.3295

■ 92.7280, 76.0561,
-81.3225

■ 254.0880, -3.4944,
0.7998

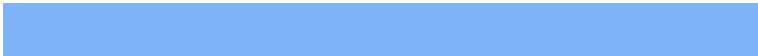
Harmonies

Analogous

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



157.0860, 39.3976, -83.3904



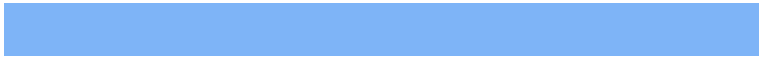
171.4920, 37.2254, -39.8965



179.2800, 28.9490, 1.5084

Triad

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



171.4920, 37.2254, -39.8965



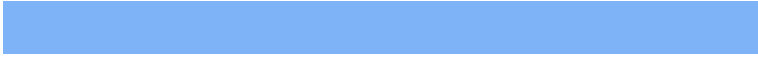
178.4820, -17.4926, 57.4593



164.6580, -11.6634, -39.1651

Complementary

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



171.4920, 37.2254, -39.8965



201.5080, -37.2254, 39.8965

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.



170.3280, -27.7697, -6.4267



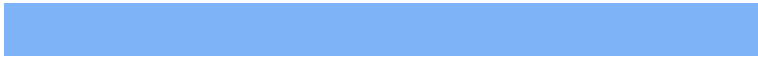
171.4920, 37.2254, -39.8965



176.4900, -29.8216, 45.1743

Square

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



171.4920, 37.2254, -39.8965



180.4120, -1.1891, 54.8897



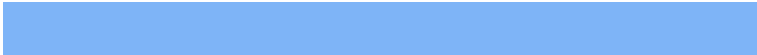
174.4950, -34.2610, 22.3679



156.6440, 9.5425, -74.2328

Rectangle

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



171.4920, 37.2254, -39.8965



181.4310, 20.0005, 25.0550



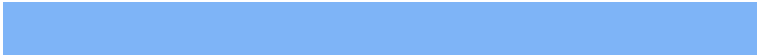
174.4950, -34.2610, 22.3679



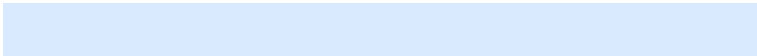
166.7150, -18.1005, -27.8141

Sweetspot

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



171.4920, 37.2254, -39.8965



231.3110, 11.6787, -12.5507



204.6650, -5.7508, -68.9892



113.4920, 7.1524, -7.4475



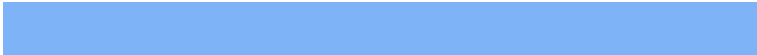
0.0000, 0.0000, 0.0000



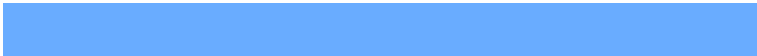
128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



171.4920, 37.2254, -39.8965



161.4290, 46.1305, -49.4882



141.5880, 51.9681, -8.4087



114.8900, 3.5052, -4.2885



69.9250, 57.2250, -61.3242



21.9880, 18.2469, -19.2835

Inverse Universe

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



168.3350, 5.7508, 68.9892



157.4880, 7.1544, 85.5180



231.4120, -51.9681, 8.4087



114.2720, 0.8519, 6.7775



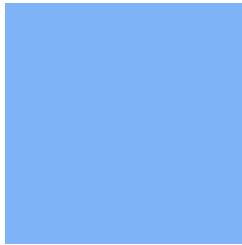
65.0760, 8.8365, 106.0503



20.6050, 2.6597, 33.6724

Previews

White Background



This preview shows how the YUV color 171.4920, 37.2254, -39.8965 looks on a white background.

Color Contrast Check

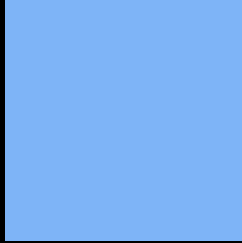
Large Text (above 18pt) WCAG AA × Fail

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 171.4920, 37.2254, -39.8965 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

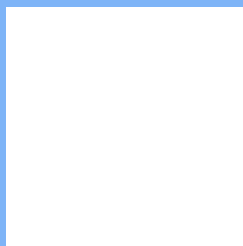
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 171.4920, 37.2254, -39.8965

Background



This preview shows how black text looks on a background with the YUV color 171.4920, 37.2254, -39.8965.



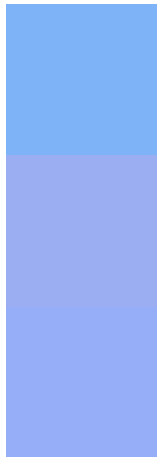
This preview shows how white text looks on a background with the YUV color 171.4920, 37.2254, -39.8965.

-39.8965.

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

171.4920, 37.2254, -39.8965

Protanopia

176.3700, 32.3556, -17.8645

Deuteranopia

175.2600, 35.8608, -22.1530



Tritanopia

166.9860, 17.7549, -48.2227

Trichromacy



Original Color

171.4920, 37.2254, -39.8965

Protanomaly

174.4830, 34.2719, -25.8566

Deuteranomaly

173.7430, 36.6087, -28.7156

Tritanomaly

168.5440, 24.8748, -45.2041

Monochromacy



Original Color

171.4920, 37.2254, -39.8965

Achromatopsia

171.0000, 0.0000, 0.0000

Achromatomaly

171.1690, 13.7207, -14.1802

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.4920, 37.2254, -39.8965 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(126, 180, 247)` looks like.

```
.text, #text, p{  
    color:rgb(126, 180, 247)  
}
```

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(126, 180, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 180, 247) }
```

Border

The CSS property to change the border of an element to YUV 171.4920, 37.2254, -39.8965 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(126, 180, 247) }
```


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

```
.border{ border-color:rgb(126, 180, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 180, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 180, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 180, 247);  
box-shadow:4px 4px 4px 4px rgb(126, 180,  
247) }
```

Background

The CSS property to change the background color of an element to YUV 171.4920, 37.2254, -39.8965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 180, 247) }
```

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

```
.background{ background-color: rgb(126,  
180, 247) }
```

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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