

Converting Colors

YUV(147.5860, 51.4761,
-37.3479)

Have a look what the booklet for
YUV(147.5860, 51.4761, -37.3479)
contains.

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Color

**YUV(147.5860, 51.4761,
-37.3479)**

Conversions

Conversions Part 1

Format	Color
Hex	6995FC
RGB	105, 149, 252
RGB Percent	41%, 58%, 99%
CMY	0.5882, 0.4157, 0.0118
CMYK	0.58, 0.41, 0.00, 0.01
HSL	222°, 96%, 70%
HSV	222°, 58%, 99%
XYZ	34.1438, 31.5264, 96.3811
YIQ	147.5860, -59.2870, 22.7050

Conversions

Conversions Part 2

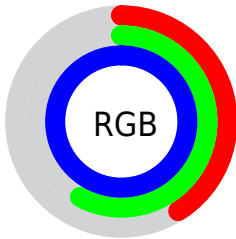
Format	Color
RYB	105, 139, 252
Decimal	6919676
CIELab	62.95, 15.14, -55.91
CIELCh	63, 57.925, 285.148
Yxy	31.5264, 0.2107, 0.1945
Android (android.graphics.Color)	4285109756 (0xFF6995FC)
YUV	147.5860, 51.4761, -37.3479
Hunter-Lab	56.1484, 10.2861, -62.4699

Details

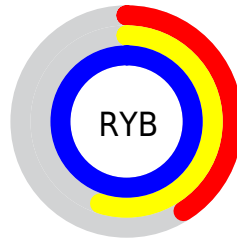
The YUV color **147.5860, 51.4761, -37.3479** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **209.4140, -51.4761, 37.3479**, and the grayscale version is **147.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **197.8650, 28.1676, -27.9456**, and **89.6120, 51.9563, -51.4027** is the 20% darker color. If you saturate the color by 10%, you get **129.5450, 60.3703, -43.4510**, and if you desaturate by 10%, it is **165.6270, 42.5819, -31.2449**.

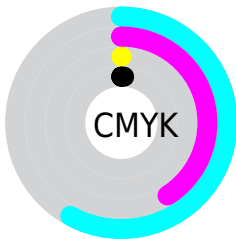
Distribution



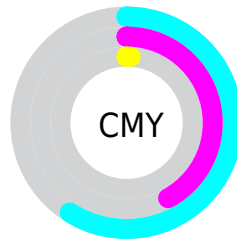
- Red (41%)
- Green (58%)
- Blue (99%)



- Red (41%)
- Yellow (55%)
- Blue (99%)



- Cyan (58%)
- Magenta (41%)
- Yellow (0%)
- Black (1%)



- Cyan (59%)
- Magenta (42%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YUV color 147.5860, 51.4761, -37.3479 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 147.5860, 51.4761, -37.3479 by changing the saturation by 10% instead.

■ 147.5860, 51.4761,
-37.3479

■ 147.5860, 51.4761,
-37.3479

255.0000, 0.0000,
0.0000

■ 119.1510, 51.1976,
-41.3514

■ 197.8650, 28.1676,
-27.9456

■ 89.6120, 51.9563,
-51.4027

■ 223.2710, 15.6424,
-23.9167

■ 63.6500, 50.9516,
-55.8210

■ 246.3290, 4.2748,
-17.8285

■ 47.6580, 45.5246,
-41.7961

■ 32.9540, 39.9557,
-28.9007

■ 16.6030, 35.6917,
-14.5608

■ 11.5190, 26.3661,

-10.1022

■ 6.5490, 17.4773,
-5.7435

■ 2.8670, 8.4466,
-2.5144

■ 147.5860, 51.4761,
-37.3479

■ 147.5860, 51.4761,
-37.3479

■ 129.5450, 60.3703,
-43.4510

■ 165.6270, 42.5819,
-31.2449

■ 112.0910, 68.9751,
-50.0688

■ 183.0810, 33.9771,
-24.6270

■ 93.7510, 78.0168,
-56.7866

■ 201.4210, 24.9354,
-17.9092

■ 75.7100, 86.9110,
-62.8897

■ 219.4620, 16.0412,
-11.8062

■ 72.7530, 88.3688,
-63.8044

■ 236.9160, 7.4364,
-5.1883

254.6580, -1.3104,
0.2999

Harmonies

Analogous

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



125.5830, 62.3236, -110.1363



147.5860, 51.4761, -37.3479



157.2970, 33.3776, 27.8035

Triad

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



147.5860, 51.4761, -37.3479



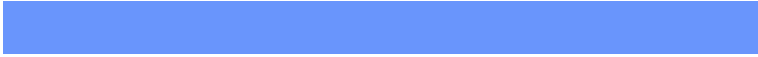
149.6400, -33.8395, 73.9837



117.4480, 3.2301, -103.0019

Complementary

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



147.5860, 51.4761, -37.3479



209.4140, -51.4761, 37.3479

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.



136.5710, -29.8615, -35.5808



147.5860, 51.4761, -37.3479



147.6370, -49.6140, 46.7994

Square

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



147.5860, 51.4761, -37.3479



150.6670, -11.1748, 84.4840



143.9930, -49.7895, 9.6531



124.1910, 26.5278, -108.9155

Rectangle

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



147.5860, 51.4761, -37.3479



155.7540, 20.3343, 58.0977



143.9930, -49.7895, 9.6531



120.6150, -6.7122, -87.3624

Sweetspot

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



147.5860, 51.4761, -37.3479



222.4620, 16.0412, -11.8062



203.0310, 2.4497, -85.9732



107.5890, 10.0626, -7.5326



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.



147.5860, 51.4761, -37.3479



128.4030, 62.4123, -45.0804



130.4290, 59.9345, 3.1318



115.8300, 4.5208, -3.3589



54.4180, 66.3489, -47.7246



17.5200, 21.4356, -15.3650

Inverse Universe

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



153.9690, -2.4497, 85.9732



136.2640, -3.0882, 104.1315



226.5710, -59.9345, -3.1318



116.3430, -0.1691, 7.5922



62.8950, -3.3992, 110.5941



20.2910, -1.1295, 35.7018

Previews

White Background



This preview shows how the YUV color 147.5860, 51.4761, -37.3479 looks on a white background.

Color Contrast Check

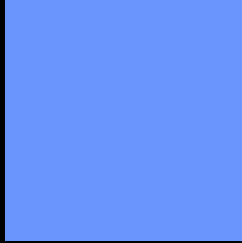
Large Text (above 18pt) WCAG AA × Fail

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 147.5860, 51.4761, -37.3479 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

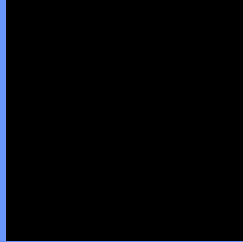
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

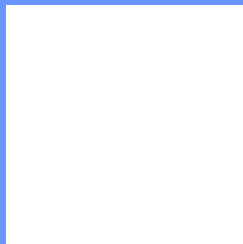
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 147.5860, 51.4761, -37.3479

Background



This preview shows how black text looks on a background with the YUV color 147.5860, 51.4761, -37.3479.



This preview shows how white text looks on a background with the YUV color 147.5860, 51.4761, -37.3479.

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

147.5860, 51.4761, -37.3479

Protanopia

148.0810, 50.7391, -34.2740

Deuteranopia

144.1390, 52.6825, -50.9879



Tritanopia

139.2730, 19.0924, -57.2444

Trichromacy



Original Color

147.5860, 51.4761, -37.3479

Protanomaly

147.7820, 50.8865, -34.8888

Deuteranomaly

145.6450, 51.9400, -46.1697

Tritanomaly

142.1180, 31.0008, -50.0925

Monochromacy



Original Color

147.5860, 51.4761, -37.3479

Achromatopsia

148.0000, 0.0000, 0.0000

Achromatomaly

147.5480, 18.9568, -13.6356

CSS Examples

Text

The CSS property to change the color of the text to YUV 147.5860, 51.4761, -37.3479 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(105, 149, 252)` looks like.

```
.text, #text, p{  
    color:rgb(105, 149, 252)  
}
```

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(105, 149, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 149, 252) }
```

Border

The CSS property to change the border of an element to YUV 147.5860, 51.4761, -37.3479 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(105, 149, 252) }
```


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

```
.border{ border-color:rgb(105, 149, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 149, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 149, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 149, 252);  
box-shadow:4px 4px 4px 4px rgb(105, 149,  
252) }
```

Background

The CSS property to change the background color of an element to YUV 147.5860, 51.4761, -37.3479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 149, 252) }
```

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

```
.background{ background-color: rgb(105,  
149, 252) }
```

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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