

Converting Colors

YUV(151.6570, 50.4551,
-36.5332)

Have a look what the booklet for
YUV(151.6570, 50.4551, -36.5332)
contains.

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Color

**YUV(151.6570, 50.4551,
-36.5332)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 6E99FE |
| RGB | 110, 153, 254 |
| RGB Percent | 43%, 60%, 100% |
| CMY | 0.5686, 0.4000, 0.0039 |
| CMYK | 0.57, 0.40, 0.00, 0.00 |
| HSL | 222°, 99%, 71% |
| HSV | 222°, 57%, 100% |
| XYZ | 35.7110, 33.2532, 98.3023 |
| YIQ | 151.6570, -58.0490, 22.2950 |

Conversions

Conversions Part 2

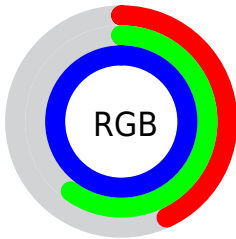
| Format | Color |
|-------------------------------------|---|
| RYB | 110, 143, 254 |
| Decimal | 7248382 |
| CIELab | 64.37, 14.39, -54.74 |
| CIELCh | 64, 56.599, 284.729 |
| Yxy | 33.2532, 0.2135, 0.1988 |
| Android (android.graphics.Color) | 4285438462 (0xFF6E99FE) |
| YUV | 151.6570, 50.4551, -36.5332 |
| Hunter-Lab | 57.6656, 9.6263, -60.7054 |

Details

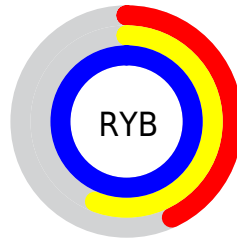
The YUV color **151.6570, 50.4551, -36.5332** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **212.3430, -50.4551, 36.5332**, and the grayscale version is **151.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **201.4090, 26.4204, -27.5457**, and **94.8790, 50.3457, -48.1289** is the 20% darker color. If you saturate the color by 10%, you get **133.6160, 59.3493, -42.6362**, and if you desaturate by 10%, it is **169.6980, 41.5609, -30.4301**.

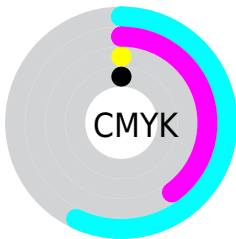
Distribution



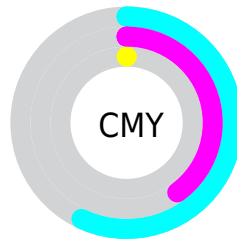
- Red (43%)
- Green (60%)
- Blue (100%)



- Red (43%)
- Yellow (56%)
- Blue (100%)



- Cyan (57%)
- Magenta (40%)
- Yellow (0%)
- Black (0%)



- Cyan (57%)
- Magenta (40%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 151.6570, 50.4551, -36.5332 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 151.6570, 50.4551, -36.5332 by changing the saturation by 10% instead.

■ 151.6570, 50.4551,
-36.5332

■ 151.6570, 50.4551,
-36.5332

255.0000, 0.0000,
0.0000

■ 123.5210, 50.0291,
-39.9219

■ 201.4090, 26.4204,
-27.5457

■ 94.8790, 50.3457,
-48.1289

■ 226.8150, 13.8952,
-23.5168

■ 65.6390, 50.9570,
-57.5654

■ 247.5250, 3.6852,
-15.3694

■ 49.6470, 45.5300,
-43.5404

■ 34.3560, 40.2505,
-30.1302

■ 19.7660, 35.1184,
-17.3348

■ 11.6330, 26.8029,

-10.2021

■ 6.6630, 17.9141,
-5.8435

■ 3.0950, 9.3202,
-2.7143

■ 151.6570, 50.4551,
-36.5332

■ 151.6570, 50.4551,
-36.5332

■ 133.6160, 59.3493,
-42.6362

■ 169.6980, 41.5609,
-30.4301

■ 115.2760, 68.3909,
-49.3541

■ 188.0380, 32.5193,
-23.7123

■ 97.8220, 76.9958,
-55.9719

■ 205.4920, 23.9144,
-17.0945

■ 79.4820, 86.0374,
-62.6897

■ 223.8320, 14.8728,
-10.3767

■ 73.5680, 88.9530,
-64.5191

■ 241.8730, 5.9786,
-4.2736

254.8860, -0.4368,
0.1000

Harmonies

Analogous

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



128.0450, 61.6028, -112.2955



151.6570, 50.4551, -36.5332



160.5850, 33.2356, 26.6740

Triad

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



151.6570, 50.4551, -36.5332



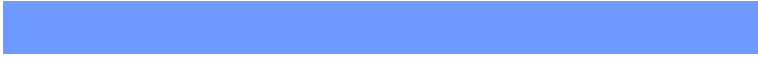
154.1560, -33.1079, 72.6542



119.6650, 4.1092, -104.9462

Complementary

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



151.6570, 50.4551, -36.5332



212.3430, -50.4551, 36.5332

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.



141.4680, -30.3037, -33.7364



151.6570, 50.4551, -36.5332



151.9790, -48.3036, 46.4994

Square

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



151.6570, 50.4551, -36.5332



154.7700, -10.7326, 82.6397



148.0470, -48.3372, 10.4828



126.7670, 26.2439, -111.1747

Rectangle

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



151.6570, 50.4551, -36.5332



159.6290, 19.9029, 56.4534



148.0470, -48.3372, 10.4828



129.1000, -8.9233, -78.1407

Sweetspot

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



151.6570, 50.4551, -36.5332



224.5330, 15.0202, -10.9914



206.0420, 2.4443, -84.2288



109.6600, 9.0416, -6.7178



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.



151.6570, 50.4551, -36.5332



131.6590, 60.8071, -43.5509



135.0870, 58.6241, 3.4317



118.8300, 4.5208, -3.3589



55.2330, 66.9331, -48.4393



18.4490, 22.4566, -16.1798

Inverse Universe

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



157.9580, -2.4443, 84.2288



139.5410, -3.2247, 101.2575



228.9130, -58.6241, -3.4317



119.3430, -0.1691, 7.5922



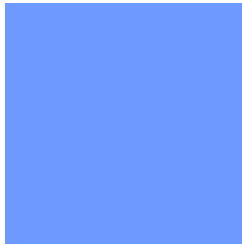
63.6070, -3.2573, 111.7237



21.3020, -1.1349, 37.4461

Previews

White Background



This preview shows how the YUV color 151.6570, 50.4551, -36.5332 looks on a white background.

Color Contrast Check

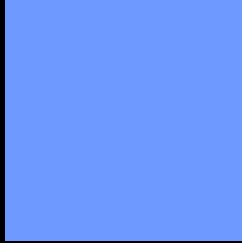
Large Text (above 18pt) WCAG AA × Fail

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 151.6570, 50.4551, -36.5332 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

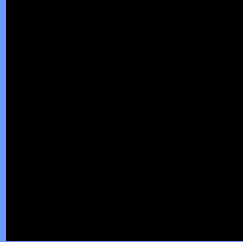
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

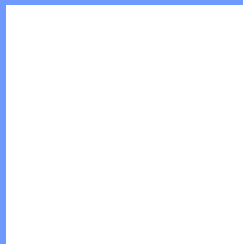
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 151.6570, 50.4551, -36.5332

Background



This preview shows how black text looks on a background with the YUV color 151.6570, 50.4551, -36.5332.



This preview shows how white text looks on a background with the YUV color 151.6570, 50.4551, -36.5332.

-36.5332.

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

151.6570, 50.4551, -36.5332

Protanopia

152.4510, 49.5707, -32.8445

Deuteranopia

148.8190, 51.3612, -47.1993



Tritanopia

143.8820, 18.7922, -54.2705

Trichromacy



Original Color

151.6570, 50.4551, -36.5332

Protanomaly

151.8530, 49.8655, -34.0741

Deuteranomaly

149.7270, 50.9136, -43.6106

Tritanomaly

146.9010, 30.1218, -48.1482

Monochromacy



Original Color

151.6570, 50.4551, -36.5332

Achromatopsia

152.0000, 0.0000, 0.0000

Achromatomaly

151.7330, 18.3726, -12.9208

CSS Examples

Text

The CSS property to change the color of the text to YUV 151.6570, 50.4551, -36.5332 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(110, 153, 254)` looks like.

```
.text, #text, p{  
    color:rgb(110, 153, 254)  
}
```

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(110, 153, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 153, 254) }
```

Border

The CSS property to change the border of an element to YUV 151.6570, 50.4551, -36.5332 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

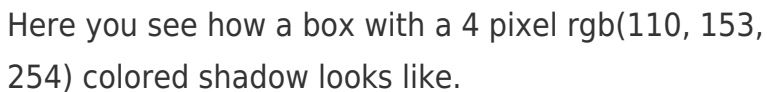
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(110, 153, 254) }
```


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

```
.border{ border-color:rgb(110, 153, 254) }
```

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



Here you see how a box with a 4 pixel `rgb(110, 153, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 153, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 153, 254);  
box-shadow:4px 4px 4px 4px rgb(110, 153,  
254) }
```

Background

The CSS property to change the background color of an element to YUV 151.6570, 50.4551, -36.5332 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 153, 254) }
```

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

```
.background{ background-color: rgb(110,  
153, 254) }
```

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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