

Converting Colors

YUV(151.2630, 44.7333,
-21.2787)

Have a look what the booklet for
YUV(151.2630, 44.7333, -21.2787)
contains.

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Color

**YUV(151.2630, 44.7333,
-21.2787)**

Conversions

Conversions Part 1

Format	Color
Hex	7F92F2
RGB	127, 146, 242
RGB Percent	50%, 57%, 95%
CMY	0.5020, 0.4275, 0.0510
CMYK	0.48, 0.40, 0.00, 0.05
HSL	230°, 82%, 72%
HSV	230°, 48%, 95%
XYZ	35.0583, 31.4806, 88.2330
YIQ	151.2630, -42.1400, 25.8280

Conversions

Conversions Part 2

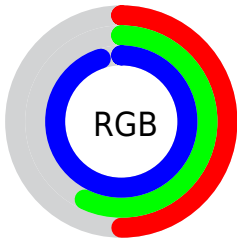
Format	Color
RYB	127, 143, 242
Decimal	8360690
CIELab	62.91, 18.45, -50.41
CIElCh	63, 53.676, 290.100
Yxy	31.4806, 0.2265, 0.2034
Android (android.graphics.Color)	4286550770 (0xFF7F92F2)
YUV	151.2630, 44.7333, -21.2787
Hunter-Lab	56.1076, 13.3458, -53.9623

Details

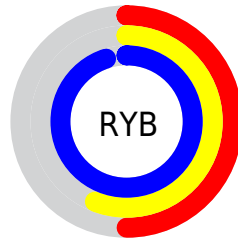
The YUV color $151.2630, 44.7333, -21.2787$ is a light color, and the websafe version is hex $9999FF$. A complement of this color would be $217.7370, -44.7333, 21.2787$, and the grayscale version is $151.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $201.7850, 26.2350, -14.7204$, and $97.7740, 43.0024, -26.1118$ is the 20% darker color. If you saturate the color by 10%, you get $132.3470, 54.0589, -25.7373$, and if you desaturate by 10%, it is $170.1790, 35.4078, -16.8200$.

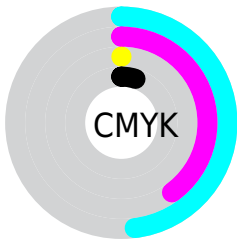
Distribution



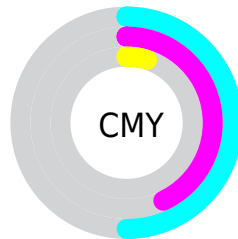
- Red (50%)
- Green (57%)
- Blue (95%)



- Red (50%)
- Yellow (56%)
- Blue (95%)



- Cyan (48%)
- Magenta (40%)
- Yellow (0%)
- Black (5%)



- Cyan (50%)
- Magenta (43%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 151.2630, 44.7333, -21.2787 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 151.2630, 44.7333, -21.2787 by changing the saturation by 10% instead.

■ 151.2630, 44.7333,
-21.2787

■ 151.2630, 44.7333,
-21.2787

255.0000, 0.0000,
0.0000

■ 124.0240, 43.8652,
-22.8230

■ 201.7850, 26.2350,
-14.7204

■ 97.7740, 43.0024,
-26.1118

■ 226.8920, 13.8572,
-11.3063

■ 70.4420, 43.1661,
-31.9596

■ 251.7110, 1.6215,
-6.7625

■ 44.2840, 42.7510,
-38.8371

■ 29.6940, 37.6189,
-26.0416

■ 12.7560, 33.6443,
-11.1870

■ 9.4330, 23.4505,

-8.2727

■ 5.1640, 14.7091,
-4.5288

■ 1.0260, 3.9312,
-0.8998

■ 151.2630, 44.7333,
-21.2787

■ 151.2630, 44.7333,
-21.2787

■ 132.3470, 54.0589,
-25.7373

■ 170.1790, 35.4078,
-16.8200

■ 113.4310, 63.3845,
-30.1960

■ 189.0950, 26.0822,
-12.3613

■ 93.6290, 73.1469,
-34.7546

■ 208.8970, 16.3198,
-7.8027

■ 74.7130, 82.4725,
-39.2133

■ 227.8130, 6.9942,
-3.3440

■ 55.7970, 91.7981,
-43.6720

■ 246.7290, -2.3314,
1.1147

■ 51.0680, 94.1295,
-44.7866

■ 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.



123.1380, 60.5710, -107.9920



151.2630, 44.7333, -21.2787



156.6630, 28.2671, 33.6215

Triad

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



151.2630, 44.7333, -21.2787



150.3570, -34.6860, 65.4619



118.0010, 7.8875, -103.4869

Complementary

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



151.2630, 44.7333, -21.2787



217.7370, -44.7333, 21.2787

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.



136.7320, -24.0249, -40.9840



151.2630, 44.7333, -21.2787



148.0920, -46.3874, 38.5073

Square

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



151.2630, 44.7333, -21.2787



151.4120, -14.5001, 77.6917



143.7840, -42.7845, 2.8204



124.2880, 29.4380, -109.0006

Rectangle

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



151.2630, 44.7333, -21.2787



155.3860, 15.0927, 59.2975



143.7840, -42.7845, 2.8204



119.4770, -0.7282, -93.3803

Sweetspot

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



151.2630, 44.7333, -21.2787



226.6260, 13.9884, -6.6880



205.4490, 8.6526, -68.7998



110.2690, 8.7414, -3.7439



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.



151.2630, 44.7333, -21.2787



140.6180, 56.3903, -26.8520



151.4720, 44.6303, 11.8641



110.5420, 4.6628, -2.2293



38.5860, 71.6891, -33.8399



11.6670, 21.8562, -10.2320

Inverse Universe

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



163.5510, -8.6526, 68.7998



156.0910, -10.8909, 86.7432



217.5280, -44.6303, -11.8641



111.8160, -0.8953, 7.1774



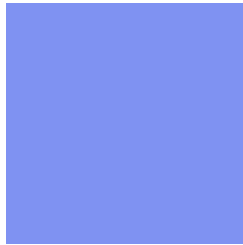
58.4360, -14.0189, 110.1196



17.7700, -4.3236, 33.5277

Previews

White Background



This preview shows how the YUV color 151.2630, 44.7333, -21.2787 looks on a white background.

Color Contrast Check

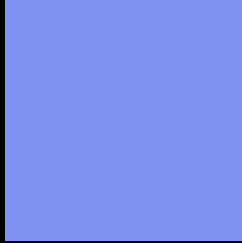
Large Text (above 18pt) WCAG AA × Fail

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 151.2630, 44.7333, -21.2787 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

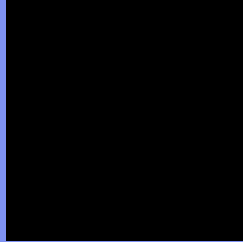
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 151.2630, 44.7333, -21.2787

Background



This preview shows how black text looks on a background with the YUV color 151.2630, 44.7333, -21.2787.



This preview shows how white text looks on a background with the YUV color 151.2630, 44.7333, -21.2787.

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

151.2630, 44.7333, -21.2787

Protanopia

149.6640, 46.5076, -30.4003

Deuteranopia

147.1960, 46.2454, -39.6369



Tritanopia

146.2220, 13.2016, -34.3977

Trichromacy



Original Color

151.2630, 44.7333, -21.2787

Protanomaly

150.1590, 45.7706, -27.3264

Deuteranomaly

148.7130, 45.4975, -33.0743

Tritanomaly

148.2300, 24.5366, -30.0197

Monochromacy



Original Color

151.2630, 44.7333, -21.2787

Achromatopsia

151.0000, 0.0000, 0.0000

Achromatomaly

150.8970, 16.3198, -7.8027

CSS Examples

Text

The CSS property to change the color of the text to YUV 151.2630, 44.7333, -21.2787 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(127, 146, 242)` looks like.

```
.text, #text, p{  
    color:rgb(127, 146, 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(127, 146, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 146, 242) }
```

Border

The CSS property to change the border of an element to YUV 151.2630, 44.7333, -21.2787 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(127, 146, 242) }
```


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

```
.border{ border-color:rgb(127, 146, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 146, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 146, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 146, 242);  
box-shadow:4px 4px 4px 4px rgb(127, 146,  
242) }
```

Background

The CSS property to change the background color of an element to YUV 151.2630, 44.7333, -21.2787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 146, 242) }
```

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

```
.background{ background-color: rgb(127,  
146, 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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