

Converting Colors

YUV(157.2760, 41.7689,
-3.7501)

Have a look what the booklet for
YUV(157.2760, 41.7689, -3.7501)
contains.

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Color

**YUV(157.2760, 41.7689,
-3.7501)**

Conversions

Conversions Part 1

Format	Color
Hex	998FF2
RGB	153, 143, 242
RGB Percent	60%, 56%, 95%
CMY	0.4000, 0.4392, 0.0510
CMYK	0.37, 0.41, 0.00, 0.05
HSL	246°, 79%, 75%
HSV	246°, 41%, 95%
XYZ	38.9863, 32.8280, 88.2860
YIQ	157.2760, -25.8190, 32.9090

Conversions

Conversions Part 2

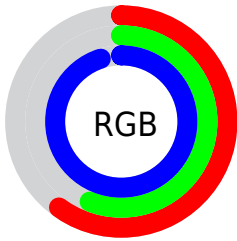
Format	Color
R_{YB}	153, 143, 242
Decimal	10063858
CIE _{Lab}	64.02, 26.58, -48.53
CIE _{LCh}	64, 55.333, 298.712
Yxy	32.8280, 0.2435, 0.2050
Android (android.graphics.Color)	4288253938 (0xFF998FF2)
YUV	157.2760, 41.7689, -3.7501
Hunter-Lab	57.2958, 21.1910, -51.2519

Details

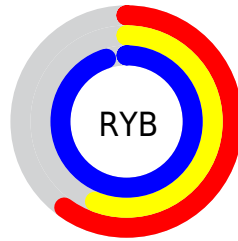
The YUV color $157.2760, 41.7689, -3.7501$ is a light color, and the websafe version is hex $9999FF$. A complement of this color would be $227.7240, -41.7689, 3.7501$, and the grayscale version is $157.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $207.4990, 23.4180, 2.1934$, and $104.9830, 39.4484, -6.1241$ is the 20% darker color. If you saturate the color by 10%, you get $136.6100, 51.9573, -4.9200$, and if you desaturate by 10%, it is $177.9420, 31.5806, -2.5801$.

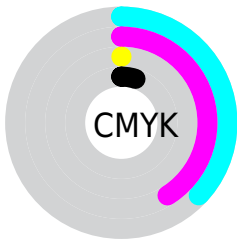
Distribution



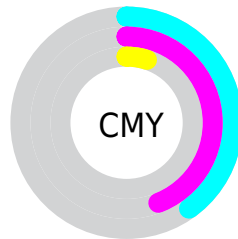
- Red (60%)
- Green (56%)
- Blue (95%)



- Red (60%)
- Yellow (56%)
- Blue (95%)



- Cyan (37%)
- Magenta (41%)
- Yellow (0%)
- Black (5%)



- Cyan (40%)
- Magenta (44%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 157.2760, 41.7689, -3.7501 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 157.2760, 41.7689, -3.7501 by changing the saturation by 10% instead.

■ 157.2760, 41.7689,
-3.7501

■ 157.2760, 41.7689,
-3.7501

■ 255.0000, 0.0000,
0.0000

■ 130.3360, 40.7534,
-4.6797

■ 207.4990, 23.4180,
2.1934

■ 104.9830, 39.4484,
-6.1241

■ 232.6060, 11.0402,
5.6075

■ 79.4450, 38.7276,
-8.2833

■ 253.8260, 0.5788,
1.0296

■ 54.4830, 37.7229,
-12.7016

■ 27.3460, 38.7764,
-23.9824

■ 10.9950, 34.5125,
-9.6426

■ 9.4330, 23.4505,

-8.2727

■ 5.1640, 14.7091,
-4.5288

■ 1.0260, 3.9312,
-0.8998

■ 157.2760, 41.7689,
-3.7501

■ 157.2760, 41.7689,
-3.7501

■ 136.6100, 51.9573,
-4.9200

■ 177.9420, 31.5806,
-2.5801

■ 115.9440, 62.1456,
-6.0899

■ 198.6080, 21.3923,
-1.4102

■ 94.9900, 72.4759,
-6.1302

■ 219.5620, 11.0619,
-1.3699

■ 74.3240, 82.6643,
-7.3001

■ 240.2280, 0.8736,
-0.2000

■ 53.6580, 92.8526,
-8.4701

■ 253.5180, -5.6784,
1.2997

■ 34.7640, 102.1673,
-9.4400

Harmonies

Analogous

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



128.5460, 61.8488, -97.8258



157.2760, 41.7689, -3.7501



159.4860, 23.4244, 46.9318

Triad

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



157.2760, 41.7689, -3.7501



152.5430, -40.2007, 60.9138



122.2870, 14.1555, -107.2457

Complementary

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



157.2760, 41.7689, -3.7501



227.7240, -41.7689, 3.7501

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.



134.3860, -15.9663, -59.0975



157.2760, 41.7689, -3.7501



149.9400, -49.2704, 29.8706

Square

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



157.2760, 41.7689, -3.7501



153.7020, -21.0521, 79.1913



144.9890, -40.4206, -8.7604



127.9870, 35.9954, -112.2446

Rectangle

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



157.2760, 41.7689, -3.7501



156.9590, 9.3872, 69.3190



144.9890, -40.4206, -8.7604



119.7620, 7.0193, -105.0313

Sweetspot

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



157.2760, 41.7689, -3.7501



228.4310, 13.0985, -1.2550



206.5290, 17.4872, -55.7149



112.3510, 7.7150, -1.1848



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.



157.2760, 41.7689, -3.7501



148.1370, 52.6835, -4.5051



171.9270, 34.5460, 26.3740



109.6670, 5.0942, -0.5850



26.6570, 77.5701, -6.7152



8.1780, 23.5762, -1.9101

Inverse Universe

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



182.7470, 24.2817, 51.9649



180.1430, 30.4955, 65.6496



213.0730, -34.5460, -26.3740



112.8420, 3.0359, 6.2776



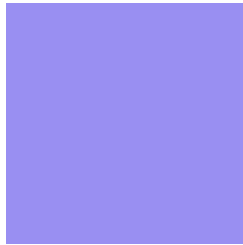
73.8260, 44.9488, 96.6226



22.4440, 13.5851, 29.4286

Previews

White Background



This preview shows how the YUV color 157.2760, 41.7689, -3.7501 looks on a white background.

Color Contrast Check

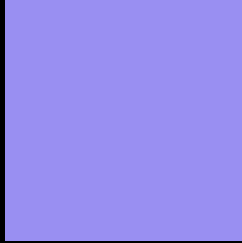
Large Text (above 18pt) WCAG AA × Fail

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 157.2760, 41.7689, -3.7501 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

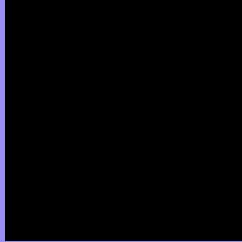
Any Text WCAG AA ✓ Pass

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 157.2760, 41.7689, -3.7501 Background



This preview shows how black text looks on a background with the YUV color 157.2760, 41.7689, -3.7501.



This preview shows how white text looks on a background with the YUV color 157.2760, 41.7689, -3.7501.

-3.7501.

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

157.2760, 41.7689, -3.7501

Protanopia

152.7070, 47.9654, -31.3150

Deuteranopia

151.7190, 43.0295, -34.8336



Tritanopia

153.2030, 8.7739, -14.2100

Trichromacy



Original Color

157.2760, 41.7689, -3.7501

Protanomaly

154.4910, 45.6069, -21.4786

Deuteranomaly

153.9700, 42.4128, -23.6527

Tritanomaly

155.0260, 20.6932, -10.5468

Monochromacy



Original Color

157.2760, 41.7689, -3.7501

Achromatopsia

157.0000, 0.0000, 0.0000

Achromatomaly

157.3000, 15.1351, -1.1401

CSS Examples

Text

The CSS property to change the color of the text to YUV 157.2760, 41.7689, -3.7501 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(153, 143, 242)` looks like.

```
.text, #text, p{  
    color:rgb(153, 143, 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(153, 143, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 143, 242) }
```

Border

The CSS property to change the border of an element to YUV 157.2760, 41.7689, -3.7501 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(153, 143, 242) }
```


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

```
.border{ border-color:rgb(153, 143, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 143, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 143, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 143, 242);  
box-shadow:4px 4px 4px 4px rgb(153, 143,  
242) }
```

Background

The CSS property to change the background color of an element to YUV 157.2760, 41.7689, -3.7501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 143, 242) }
```

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

```
.background{ background-color: rgb(153,  
143, 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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