

Converting Colors

YUV(157.4750, 43.1498,
-26.7266)

Have a look what the booklet for
YUV(157.4750, 43.1498, -26.7266)
contains.

YUV(157.4750, 43.1498, -26.7266)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(157.4750, 43.1498,
-26.7266)**

Conversions

Conversions Part 1

Format	Color
Hex	7F9CF5
RGB	127, 156, 245
RGB Percent	50%, 61%, 96%
CMY	0.5020, 0.3882, 0.0392
CMYK	0.48, 0.36, 0.00, 0.04
HSL	225°, 86%, 73%
HSV	225°, 48%, 96%
XYZ	37.1223, 34.8815, 91.1625
YIQ	157.4750, -45.8530, 21.5310

Conversions

Conversions Part 2

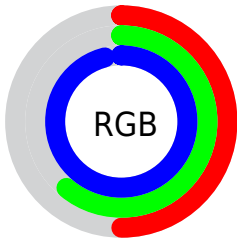
Format	Color
RYB	127, 150, 245
Decimal	8363253
CIELab	65.66, 13.52, -47.71
CIELCh	66, 49.593, 285.817
Yxy	34.8815, 0.2275, 0.2138
Android (android.graphics.Color)	4286553333 (0xFF7F9CF5)
YUV	157.4750, 43.1498, -26.7266
Hunter-Lab	59.0606, 8.8394, -50.1741

Details

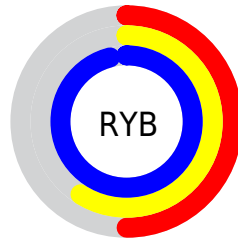
The YUV color $157.4750, 43.1498, -26.7266$ is a light color, and the websafe version is hex $6699FF$. A complement of this color would be $214.5250, -43.1498, 26.7266$, and the grayscale version is $157.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $207.6550, 23.3411, -19.8684$, and $103.3990, 41.7083, -31.0449$ is the 20% darker color. If you saturate the color by 10%, you get $139.7330, 51.8966, -32.2148$, and if you desaturate by 10%, it is $175.5160, 34.2556, -20.6235$.

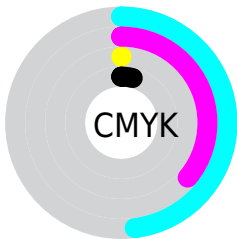
Distribution



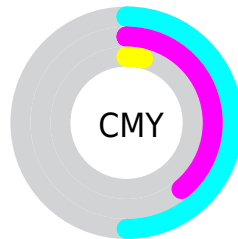
- Red (50%)
- Green (61%)
- Blue (96%)



- Red (50%)
- Yellow (59%)
- Blue (96%)



- Cyan (48%)
- Magenta (36%)
- Yellow (0%)
- Black (4%)



- Cyan (50%)
- Magenta (39%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 157.4750, 43.1498, -26.7266 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 157.4750, 43.1498, -26.7266 by changing the saturation by 10% instead.

■ 157.4750, 43.1498,
-26.7266

■ 157.4750, 43.1498,
-26.7266

255.0000, 0.0000,
0.0000

■ 130.2360, 42.2817,
-28.2710

■ 207.6550, 23.3411,
-19.8684

■ 103.3990, 41.7083,
-31.0449

■ 232.7620, 10.9633,
-16.4543

■ 75.7680, 42.0194,
-37.5075

■ 251.7110, 1.6215,
-6.7625

■ 49.9090, 41.4569,
-43.7702

■ 34.6180, 36.1773,
-30.3600

■ 20.1420, 31.4820,
-17.6645

■ 10.3620, 24.4715,

-9.0875

■ 5.3920, 15.5827,
-4.7288

■ 2.1830, 5.8258,
-1.9145

■ 157.4750, 43.1498,
-26.7266

■ 157.4750, 43.1498,
-26.7266

■ 139.7330, 51.8966,
-32.2148

■ 175.5160, 34.2556,
-20.6235

■ 121.1050, 61.0802,
-37.8031

■ 193.8450, 25.2194,
-15.6501

■ 103.3630, 69.8270,
-43.2914

■ 211.8860, 16.3252,
-9.5470

■ 84.7350, 79.0106,
-48.8796

■ 230.2150, 7.2890,
-4.5736

■ 66.9930, 87.7575,
-54.3679

■ 248.2560, -1.6052,
1.5295

■ 63.1500, 89.6521,
-55.3826

■ 253.8600, -4.3680,
0.9998

Harmonies

Analogous

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



127.7200, 57.8190, -112.0104



157.4750, 43.1498, -26.7266



164.0210, 28.5836, 25.4146

Triad

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



157.4750, 43.1498, -26.7266



158.6110, -29.8812, 64.3622



129.8240, 3.0448, -90.1766

Complementary

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



157.4750, 43.1498, -26.7266



214.5250, -43.1498, 26.7266

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.



147.0430, -25.6572, -30.7327



157.4750, 43.1498, -26.7266



156.9550, -41.8828, 40.3815

Square

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



157.4750, 43.1498, -26.7266



160.0030, -10.8475, 72.7884



152.9850, -40.9116, 8.7832



127.5820, 26.8281, -111.8894

Rectangle

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



157.4750, 43.1498, -26.7266



163.6730, 16.4302, 50.2758



152.9850, -40.9116, 8.7832



138.9000, -8.8247, -63.0563

Sweetspot

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



157.4750, 43.1498, -26.7266



228.3870, 13.1202, -8.2324



206.4120, 4.7269, -69.6443



111.4430, 8.1626, -4.7735



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.



157.4750, 43.1498, -26.7266



145.0040, 54.2280, -33.3295



149.4220, 47.1200, 6.6459



113.1290, 4.3734, -2.7441



48.2060, 67.9324, -42.2767



14.9440, 21.7196, -13.1059

Inverse Universe

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



165.5880, -4.7269, 69.6443



155.3560, -6.0915, 87.3878



222.8770, -47.2674, -6.0311



113.9300, -0.4585, 7.0774



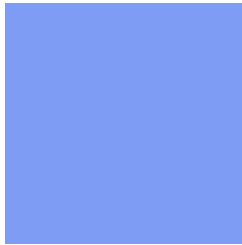
60.8580, -7.3250, 109.7495



19.2370, -2.5818, 34.8722

Previews

White Background



This preview shows how the YUV color 157.4750, 43.1498, -26.7266 looks on a white background.

Color Contrast Check

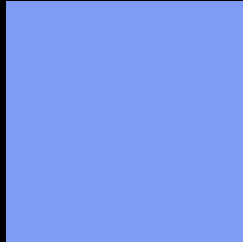
Large Text (above 18pt) WCAG AA × Fail

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 157.4750, 43.1498, -26.7266 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 157.4750, 43.1498, -26.7266

Background



This preview shows how black text looks on a background with the YUV color 157.4750, 43.1498, -26.7266.



This preview shows how white text looks on a background with the YUV color 157.4750, 43.1498, -26.7266.

-26.7266.

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

157.4750, 43.1498, -26.7266

Protanopia

157.4750, 43.1498, -26.7266

Deuteranopia

155.8330, 43.4663, -34.9335



Tritanopia

152.2430, 14.6702, -38.8011

Trichromacy



Original Color

157.4750, 43.1498, -26.7266

Protanomaly

157.4750, 43.1498, -26.7266

Deuteranomaly

156.4420, 43.1661, -31.9596

Tritanomaly

154.0230, 25.1317, -34.2232

Monochromacy



Original Color

157.4750, 43.1498, -26.7266

Achromatopsia

157.0000, 0.0000, 0.0000

Achromatomaly

157.3590, 15.5990, -9.9618

CSS Examples

Text

The CSS property to change the color of the text to YUV 157.4750, 43.1498, -26.7266 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, 156, 245)` looks like.

```
.text, #text, p{  
    color:rgb(127, 156, 245)  
}
```

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, 156, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 156, 245) }
```

Border

The CSS property to change the border of an element to YUV 157.4750, 43.1498, -26.7266 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, 156, 245) }
```


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

```
.border{ border-color:rgb(127, 156, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 156, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 156, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 156, 245);  
box-shadow:4px 4px 4px 4px rgb(127, 156,  
245) }
```

Background

The CSS property to change the background color of an element to YUV 157.4750, 43.1498, -26.7266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 156, 245) }
```

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

```
.background{ background-color: rgb(127,  
156, 245) }
```

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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